Default & Full Power

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.15	33.09	**34.00**	23.98	24.15	24.09	**25.00**
GPRS 1 Tx slot	33.02	33.17	33.12	**34.00**	24.02	24.17	24.12	**25.00**
GPRS 2 Tx slots	29.81	30.16	30.11	**31.00**	23.81	24.16	24.11	**25.00**
GPRS 3 Tx slots	28.00	28.32	28.33	**29.20**	23.74	24.06	24.07	**24.94**
GPRS 4 Tx slots	26.60	27.15	26.95	**28.00**	23.60	24.15	23.95	**25.00**
EDGE 1 Tx slot	27.21	27.12	27.28	**28.00**	18.21	18.12	18.28	**19.00**
EDGE 2 Tx slots	24.15	24.18	24.46	**25.00**	18.15	18.18	18.46	**19.00**
EDGE 3 Tx slots	22.44	22.35	22.30	**23.20**	18.18	18.09	18.04	**18.94**
EDGE 4 Tx slots	21.03	21.12	21.09	**22.00**	18.03	18.12	18.09	**19.00**

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.32	32.43	32.35	**33.50**	23.32	23.43	23.35	**24.50**
GPRS 1 Tx slot	32.37	32.46	32.41	**33.50**	23.37	23.46	23.41	**24.50**
GPRS 2 Tx slots	29.15	29.51	29.41	**30.50**	23.15	23.51	23.41	**24.50**
GPRS 3 Tx slots	27.38	27.71	27.63	**28.70**	23.12	23.45	23.37	**24.44**
GPRS 4 Tx slots	26.02	26.60	26.24	**27.50**	23.02	23.60	23.24	**24.50**
EDGE 1 Tx slot	26.48	26.79	26.38	**27.50**	17.48	17.79	17.38	**18.50**
EDGE 2 Tx slots	23.52	23.56	23.79	**24.50**	17.52	17.56	17.79	**18.50**
EDGE 3 Tx slots	21.71	21.70	21.59	**22.70**	17.45	17.44	17.33	**18.44**
EDGE 4 Tx slots	20.37	20.34	20.26	**21.50**	17.37	17.34	17.26	**18.50**

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.06	29.09	28.95	**30.00**	20.06	20.09	19.95	**21.00**
GPRS 1 Tx slot	29.07	29.11	29.03	**30.00**	20.07	20.11	20.03	**21.00**
GPRS 2 Tx slots	26.32	26.05	26.15	**27.00**	20.32	20.05	20.15	**21.00**
GPRS 3 Tx slots	24.51	24.24	24.27	**25.20**	20.25	19.98	20.01	**20.94**
GPRS 4 Tx slots	22.98	23.05	22.92	**24.00**	19.98	20.05	19.92	**21.00**
EDGE 1 Tx slot	25.34	25.21	25.48	**26.00**	16.34	16.21	16.48	**17.00**
EDGE 2 Tx slots	22.04	22.25	22.21	**23.00**	16.04	16.25	16.21	**17.00**
EDGE 3 Tx slots	19.92	19.94	20.11	**21.20**	15.66	15.68	15.85	**16.94**
EDGE 4 Tx slots	18.25	18.31	18.52	**20.00**	15.25	15.31	15.52	**17.00**

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.18	30.20	30.13	**31.00**	21.18	21.20	21.13	**22.00**
GPRS 1 Tx slot	30.19	30.22	30.16	**31.00**	21.19	21.22	21.16	**22.00**
GPRS 2 Tx slots	27.51	27.44	27.45	**28.00**	21.51	21.44	21.45	**22.00**
GPRS 3 Tx slots	25.73	25.51	25.70	**26.20**	21.47	21.25	21.44	**21.94**
GPRS 4 Tx slots	24.30	24.36	24.35	**25.00**	21.30	21.36	21.35	**22.00**
EDGE 1 Tx slot	26.61	26.70	26.88	**27.00**	17.61	17.70	17.88	**18.00**
EDGE 2 Tx slots	23.45	23.74	23.59	**24.00**	17.45	17.74	17.59	**18.00**
EDGE 3 Tx slots	21.24	21.59	21.47	**22.20**	16.98	17.33	17.21	**17.94**
EDGE 4 Tx slots	19.65	19.74	19.88	**21.00**	16.65	16.74	16.88	**18.00**

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.00	23.05	23.01	24.50	24.15	24.20	24.09	25.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.12	23.05	24.50	24.52	24.59	24.54	25.00
3GPP Rel 6	HSDPA Subtest-1	22.17	22.31	22.27	23.50	23.60	23.73	23.62	24.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.33	22.28	23.50	23.51	23.71	23.60	24.00
3GPP Rel 6	HSDPA Subtest-3	21.71	21.83	21.77	23.00	23.11	23.24	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.88	21.76	23.00	23.14	23.21	23.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.30	22.32	22.24	23.50	23.41	23.51	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.20	22.30	22.15	23.50	23.55	23.55	23.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.57	21.77	21.63	23.00	23.05	23.12	23.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.51	21.71	21.58	23.00	23.07	23.11	22.97	23.50
3GPP Rel 6	HSUPA Subtest-1	22.12	22.15	22.09	23.50	23.08	23.16	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	22.04	22.08	22.02	23.50	23.05	23.12	22.97	24.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.65	21.57	23.00	22.67	22.73	22.66	23.50
3GPP Rel 6	HSUPA Subtest-4	22.03	22.12	22.07	23.50	23.12	23.20	23.08	24.00
3GPP Rel 6	HSUPA Subtest-5	21.10	21.21	22.06	22.50	22.10	22.16	22.14	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.28	20.20	21.50	21.11	21.15	21.08	22.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.00	23.01	24.50	24.23	24.25	24.26	25.00
3GPP Rel 99	RMC 12.2Kbps	23.04	23.11	23.05	24.50	24.60	24.67	24.52	25.00
3GPP Rel 6	HSDPA Subtest-1	22.22	22.35	22.28	23.50	23.66	23.78	23.70	24.00
3GPP Rel 6	HSDPA Subtest-2	22.19	22.34	22.24	23.50	23.68	23.71	23.64	24.00
3GPP Rel 6	HSDPA Subtest-3	21.81	21.84	21.77	23.00	23.14	23.24	23.21	23.50
3GPP Rel 6	HSDPA Subtest-4	21.67	21.81	21.74	23.00	23.20	23.21	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.11	22.30	22.10	23.50	23.59	23.67	23.56	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.21	22.24	22.04	23.50	23.56	23.62	23.42	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.77	21.78	21.76	23.00	23.06	23.12	23.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.55	21.74	21.68	23.00	23.02	23.11	23.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.13	22.18	22.09	23.50	23.31	23.37	23.29	24.00
3GPP Rel 6	HSUPA Subtest-2	22.06	22.12	22.08	23.50	23.24	23.32	23.30	24.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.70	21.82	23.00	22.78	22.89	22.80	23.50
3GPP Rel 6	HSUPA Subtest-4	22.05	22.16	22.14	23.50	23.25	23.31	23.29	24.00
3GPP Rel 6	HSUPA Subtest-5	21.03	21.15	21.10	22.50	22.21	22.29	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.22	20.33	20.25	21.50	21.25	21.31	21.22	22.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.30	24.32	25.00	23.33	23.36	23.34	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.40	24.35	25.00	23.48	23.56	23.54	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.31	23.47	24.00	22.34	22.44	22.56	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.29	23.42	24.00	22.31	22.39	22.58	24.00
3GPP Rel 6	HSDPA Subtest-3	22.79	22.80	22.97	23.50	21.80	21.93	22.07	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.83	22.90	23.50	21.84	21.87	22.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.42	23.39	24.00	22.42	22.55	22.41	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.38	23.34	24.00	22.53	22.54	22.47	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.81	22.68	23.50	21.94	22.08	22.01	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.84	22.88	22.77	23.50	21.99	22.05	21.98	23.50
3GPP Rel 6	HSUPA Subtest-1	23.28	23.36	23.33	24.00	22.54	22.63	22.55	24.00
3GPP Rel 6	HSUPA Subtest-2	23.24	23.32	23.29	24.00	22.56	22.61	22.59	24.00
3GPP Rel 6	HSUPA Subtest-3	22.80	22.87	22.81	23.50	21.91	22.04	22.01	23.50
3GPP Rel 6	HSUPA Subtest-4	23.22	23.25	23.21	24.00	22.55	22.59	22.57	24.00
3GPP Rel 6	HSUPA Subtest-5	22.19	22.29	22.24	23.00	21.70	21.89	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.31	21.23	22.00	20.77	21.05	20.96	22.00

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.88	23.96	23.95		
20	QPSK	1	49	23.82	23.93	23.92	25	0
20	QPSK	1	99	23.82	23.85	23.93		
20	QPSK	50	0	22.86	22.94	22.91		
20	QPSK	50	24	22.83	22.92	22.90	24	1
20	QPSK	50	50	22.85	22.86	22.83		
20	QPSK	100	0	22.82	22.92	22.90		
20	16QAM	1	0	23.08	23.11	23.19		
20	16QAM	1	49	23.05	23.14	23.08	24	1
20	16QAM	1	99	22.98	23.06	23.07		
20	16QAM	50	0	21.67	21.94	21.88		
20	16QAM	50	24	21.80	21.92	21.90	23	2
20	16QAM	50	50	21.80	21.85	21.83		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.99	22.03	22.07		
20	64QAM	1	49	21.94	22.04	22.01	23	2
20	64QAM	1	99	21.94	21.97	21.98		
20	64QAM	50	0	20.70	20.95	20.90		
20	64QAM	50	24	20.85	20.89	20.88	22	3
20	64QAM	50	50	20.86	20.88	20.83		
20	64QAM	100	0	20.85	20.91	20.92		
20	256QAM	1	0	18.69	18.61	18.58		
20	256QAM	1	49	18.52	18.62	18.58	20	5
20	256QAM	1	99	18.50	18.55	18.46		
20	256QAM	50	0	18.56	18.56	18.48		
20	256QAM	50	24	18.63	18.55	18.69	20	5
20	256QAM	50	50	18.51	18.48	18.51		
20	256QAM	100	0	18.49	18.52	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.80	23.89	23.87		
15	QPSK	1	37	23.79	23.90	23.83	25	0
15	QPSK	1	74	23.78	23.81	23.90		
15	QPSK	36	0	22.79	22.92	22.86		
15	QPSK	36	20	22.81	22.88	22.81	24	1
15	QPSK	36	39	22.73	22.81	22.81		
15	QPSK	75	0	22.74	22.84	22.82		
15	16QAM	1	0	22.92	23.00	23.14		
15	16QAM	1	37	23.00	23.07	23.01	24	1
15	16QAM	1	74	22.96	22.99	23.03		
15	16QAM	36	0	21.65	21.93	21.83		
15	16QAM	36	20	21.75	21.84	21.87	23	2
15	16QAM	36	39	21.64	21.94	21.90		
15	16QAM	75	0	21.74	21.75	21.75		
15	64QAM	1	0	21.96	21.91	22.01		
15	64QAM	1	37	21.86	21.96	21.96	23	2
15	64QAM	1	74	21.87	21.90	21.94		
15	64QAM	36	0	20.59	20.94	20.80		
15	64QAM	36	20	20.80	20.87	20.80	22	3
15	64QAM	36	39	20.80	20.80	20.76		
15	64QAM	75	0	20.82	20.79	20.91		
15	256QAM	1	0	18.58	18.59	18.56		
15	256QAM	1	37	18.46	18.52	18.55	20	5
15	256QAM	1	74	18.44	18.50	18.34		
15	256QAM	36	0	18.48	18.41	18.44		
15	256QAM	36	20	18.57	18.46	18.68	20	5
15	256QAM	36	39	18.45	18.40	18.41		
15	256QAM	75	0	18.41	18.50	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.80	23.84	23.88		
10	QPSK	1	25	23.80	23.83	23.91	25	0
10	QPSK	1	49	23.81	23.80	23.86		
10	QPSK	25	0	22.76	22.91	22.87		
10	QPSK	25	12	22.79	22.88	22.85	24	1
10	QPSK	25	25	22.79	22.77	22.77		
10	QPSK	50	0	22.76	22.82	22.85		
10	16QAM	1	0	22.96	23.00	23.07		
10	16QAM	1	25	23.02	23.02	22.96	24	1
10	16QAM	1	49	22.86	23.02	22.99		
10	16QAM	25	0	21.58	21.82	21.86		
10	16QAM	25	12	21.70	21.88	21.86	23	2
10	16QAM	25	25	21.78	21.77	21.78		
10	16QAM	50	0	21.77	21.81	21.80		
10	64QAM	1	0	21.87	21.92	22.02		
10	64QAM	1	25	21.85	21.92	21.90	23	2
10	64QAM	1	49	21.91	21.91	21.92		
10	64QAM	25	0	20.59	20.83	20.89		
10	64QAM	25	12	20.81	20.77	20.86	22	3
10	64QAM	25	25	20.81	20.76	20.80		
10	64QAM	50	0	20.81	20.90	20.84		
10	256QAM	1	0	18.59	18.56	18.48		
10	256QAM	1	25	18.50	18.53	18.56	20	5
10	256QAM	1	49	18.54	18.47	18.39		
10	256QAM	25	0	18.54	18.48	18.34		
10	256QAM	25	12	18.60	18.48	18.83	20	5
10	256QAM	25	25	18.42	18.41	18.43		
10	256QAM	50	0	18.46	18.48	18.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.94	23.91		
5	QPSK	1	12	23.72	23.84	23.87	25	0
5	QPSK	1	24	23.75	23.78	23.89		
5	QPSK	12	0	22.78	22.92	22.84		
5	QPSK	12	7	22.82	22.81	22.81	24	1
5	QPSK	12	13	22.77	22.78	22.81		
5	QPSK	25	0	22.74	22.87	22.81		
5	16QAM	1	0	22.98	23.06	23.10		
5	16QAM	1	12	23.03	23.06	22.97	24	1
5	16QAM	1	24	22.95	23.02	22.95		
5	16QAM	12	0	21.62	21.85	21.81		
5	16QAM	12	7	21.72	21.87	21.89	23	2
5	16QAM	12	13	21.78	21.73	21.72		
5	16QAM	25	0	21.74	21.77	21.85		
5	64QAM	1	0	21.95	21.91	21.95		
5	64QAM	1	12	21.90	22.00	22.00	23	2
5	64QAM	1	24	21.80	21.88	21.93		
5	64QAM	12	0	20.58	20.86	20.86		
5	64QAM	12	7	20.84	20.88	20.76	22	3
5	64QAM	12	13	20.76	20.82	20.79		
5	64QAM	25	0	20.74	20.82	20.91		
5	256QAM	1	0	18.66	18.55	18.50		
5	256QAM	1	12	18.47	18.51	18.55	20	5
5	256QAM	1	24	18.50	18.47	18.34		
5	256QAM	12	0	18.55	18.52	18.45		
5	256QAM	12	7	18.59	18.48	18.67	20	5
5	256QAM	12	13	18.50	18.37	18.39		
5	256QAM	25	0	18.45	18.47	18.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.86	23.94	23.85		
3	QPSK	1	8	23.76	23.82	23.89	25	0
3	QPSK	1	14	23.78	23.78	23.87		
3	QPSK	8	0	22.76	22.92	22.90		
3	QPSK	8	4	22.81	22.83	22.84	24	1
3	QPSK	8	7	22.76	22.82	22.77		
3	QPSK	15	0	22.75	22.81	22.83		
3	16QAM	1	0	23.03	23.05	23.07		
3	16QAM	1	8	22.97	23.04	22.96	24	1
3	16QAM	1	14	22.97	22.97	22.98		
3	16QAM	8	0	21.82	21.82	21.77		
3	16QAM	8	4	21.75	21.90	21.81	23	2
3	16QAM	8	7	21.84	21.81	21.74		
3	16QAM	15	0	21.79	21.80	21.85		
3	64QAM	1	0	21.88	21.94	21.98		
3	64QAM	1	8	21.93	21.82	21.92	23	2
3	64QAM	1	14	21.90	21.87	21.96		
3	64QAM	8	0	20.66	20.88	20.83		
3	64QAM	8	4	20.80	20.87	20.82	22	3
3	64QAM	8	7	20.75	20.85	20.74		
3	64QAM	15	0	20.76	20.80	20.90		
3	256QAM	1	0	18.59	18.59	18.47		
3	256QAM	1	8	18.46	18.55	18.48	20	5
3	256QAM	1	14	18.46	18.36	18.34		
3	256QAM	8	0	18.53	18.48	18.42		
3	256QAM	8	4	18.62	18.51	18.66	20	5
3	256QAM	8	7	18.42	18.43	18.49		
3	256QAM	15	0	18.39	18.43	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.79	23.85	23.83		
1.4	QPSK	1	3	23.81	23.83	23.83		
1.4	QPSK	1	5	23.71	23.81	23.86	25	0
1.4	QPSK	3	0	23.69	23.79	23.80		
1.4	QPSK	3	1	23.69	23.76	23.76		
1.4	QPSK	3	3	23.61	23.74	23.85		
1.4	QPSK	6	0	22.61	22.82	22.86	24	1
1.4	16QAM	1	0	23.07	23.07	23.14		
1.4	16QAM	1	3	22.93	23.02	23.07		
1.4	16QAM	1	5	22.95	23.00	23.04	24	1
1.4	16QAM	3	0	22.96	23.01	23.13		
1.4	16QAM	3	1	22.92	22.93	23.02		
1.4	16QAM	3	3	22.88	22.97	22.95		
1.4	16QAM	6	0	21.77	21.80	21.77	23	2
1.4	64QAM	1	0	21.94	21.92	22.03		
1.4	64QAM	1	3	21.86	21.97	21.91		
1.4	64QAM	1	5	21.91	21.90	21.92	23	2
1.4	64QAM	3	0	21.93	21.84	21.99		
1.4	64QAM	3	1	21.80	21.95	21.93		
1.4	64QAM	3	3	21.87	21.85	21.90		
1.4	64QAM	6	0	20.84	20.90	20.83	22	3
1.4	256QAM	1	0	18.67	18.54	18.52		
1.4	256QAM	1	3	18.48	18.56	18.54		
1.4	256QAM	1	5	18.46	18.47	18.42	20	5
1.4	256QAM	3	0	18.53	18.47	18.43		
1.4	256QAM	3	1	18.54	18.44	18.64		
1.4	256QAM	3	3	18.49	18.37	18.48		
1.4	256QAM	6	0	18.48	18.44	18.60	20	5

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62		
20	QPSK	1	49	23.53	23.60	23.59	24.5	0
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.63	22.56		
20	QPSK	50	24	22.56	22.56	22.52	23.5	1
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.86	22.81	22.84		
20	16QAM	1	49	22.74	22.83	22.71	23.5	1
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53		
20	16QAM	50	24	21.49	21.52	21.55	22.5	2
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71		
20	64QAM	1	49	21.58	21.67	21.61	22.5	2
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.66	20.57		
20	64QAM	50	24	20.51	20.57	20.61	21.5	3
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.57	18.49		
20	256QAM	1	49	18.46	18.46	18.41	19.5	5
20	256QAM	1	99	18.40	18.45	18.47		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.43	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51		
15	QPSK	1	37	23.43	23.55	23.47	24.5	0
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.50	22.62	22.52		
15	QPSK	36	20	22.48	22.49	22.48	23.5	1
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72		
15	16QAM	1	37	22.69	22.82	22.68	23.5	1
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52		
15	16QAM	36	20	21.45	21.42	21.48	22.5	2
15	16QAM	36	39	21.42	21.49	21.50		
15	16QAM	75	0	21.39	21.50	21.43		
15	64QAM	1	0	21.65	21.61	21.69		
15	64QAM	1	37	21.46	21.64	21.53	22.5	2
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48		
15	64QAM	36	20	20.48	20.53	20.57	21.5	3
15	64QAM	36	39	20.54	20.46	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38		
15	256QAM	1	37	18.41	18.36	18.37	19.5	5
15	256QAM	1	74	18.35	18.36	18.43		
15	256QAM	36	0	18.47	18.40	18.57		
15	256QAM	36	20	18.62	18.55	18.50	19.5	5
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.34	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.45	23.63	23.58		
10	QPSK	1	25	23.45	23.54	23.53	24.5	0
10	QPSK	1	49	23.38	23.50	23.48		
10	QPSK	25	0	22.42	22.46	22.47		
10	QPSK	25	12	22.45	22.47	22.44	23.5	1
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.48	22.48		
10	16QAM	1	0	22.82	22.71	22.73		
10	16QAM	1	25	22.64	22.82	22.70	23.5	1
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.81	21.50		
10	16QAM	25	12	21.47	21.45	21.48	22.5	2
10	16QAM	25	25	21.47	21.46	21.46		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.82		
10	64QAM	1	25	21.53	21.62	21.56	22.5	2
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54		
10	64QAM	25	12	20.50	20.53	20.53	21.5	3
10	64QAM	25	25	20.56	20.46	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.50	18.45		
10	256QAM	1	25	18.36	18.37	18.37	19.5	5
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.48	18.46	18.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.49	23.55	23.57		
5	QPSK	1	12	23.47	23.52	23.56	24.5	0
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.52	22.53		
5	QPSK	12	7	22.49	22.50	22.43	23.5	1
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.59	22.58		
5	16QAM	1	0	22.79	22.77	22.77		
5	16QAM	1	12	22.71	22.77	22.70	23.5	1
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.64	21.47		
5	16QAM	12	7	21.41	21.47	21.43	22.5	2
5	16QAM	12	13	21.47	21.53	21.41		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59		
5	64QAM	1	12	21.55	21.66	21.55	22.5	2
5	64QAM	1	24	21.41	21.46	21.62		
5	64QAM	12	0	20.31	20.64	20.55		
5	64QAM	12	7	20.43	20.51	20.58	21.5	3
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.46	18.43		
5	256QAM	1	12	18.41	18.44	18.34	19.5	5
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.30	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57		
3	QPSK	1	8	23.49	23.50	23.54	24.5	0
3	QPSK	1	14	23.43	23.46	23.52		
3	QPSK	8	0	22.45	22.60	22.44		
3	QPSK	8	4	22.46	22.54	22.45	23.5	1
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.48	22.54	22.53		
3	16QAM	1	0	22.78	22.78	22.80		
3	16QAM	1	8	22.63	22.76	22.61	23.5	1
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.62	21.41		
3	16QAM	8	4	21.37	21.40	21.53	22.5	2
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.61	21.66		
3	64QAM	1	8	21.58	21.63	21.57	22.5	2
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48		
3	64QAM	8	4	20.40	20.49	20.49	21.5	3
3	64QAM	8	7	20.40	20.46	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46		
3	256QAM	1	8	18.43	18.35	18.40	19.5	5
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.38	18.49		
3	256QAM	15	0	18.48	18.38	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53		
1.4	QPSK	1	3	23.51	23.56	23.58		
1.4	QPSK	1	5	23.39	23.41	23.59	24.5	0
1.4	QPSK	3	0	23.52	23.45	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.38	23.49		
1.4	QPSK	6	0	22.46	22.56	22.61	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82		
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75	23.5	1
1.4	16QAM	3	0	22.83	22.65	22.73		
1.4	16QAM	3	1	22.62	22.65	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.39	21.47	22.5	2
1.4	64QAM	1	0	21.59	21.54	21.60		
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56	22.5	2
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.52	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42		
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43	19.5	5
1.4	256QAM	3	0	18.48	18.49	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.39	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.46	23.55	23.52		
20	QPSK	1	49	23.42	23.52	23.50	25	0
20	QPSK	1	99	23.44	23.52	23.49		
20	QPSK	50	0	22.51	22.61	22.53		
20	QPSK	50	24	22.52	22.57	22.52	24	1
20	QPSK	50	50	22.47	22.58	22.48		
20	QPSK	100	0	22.45	22.62	22.61		
20	16QAM	1	0	22.63	22.77	22.82		
20	16QAM	1	49	22.64	22.78	22.81	24	1
20	16QAM	1	99	22.63	22.76	22.75		
20	16QAM	50	0	21.29	21.59	21.63		
20	16QAM	50	24	21.44	21.57	21.60	23	2
20	16QAM

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.86	22.96	22.90	24.5	0
20	QPSK	1	49	22.78	22.86	22.81		
20	QPSK	1	99	22.84	22.84	22.86		
20	QPSK	50	0	21.87	22.15	22.13	23.5	1
20	QPSK	50	24	21.86	22.06	22.08		
20	QPSK	50	50	21.86	22.00	22.10		
20	QPSK	100	0	21.86	22.00	21.98		
20	16QAM	1	0	22.00	22.15	22.27	23.5	1
20	16QAM	1	49	22.06	22.20	22.31		
20	16QAM	1	99	22.04	22.21	22.22		
20	16QAM	50	0	20.66	21.04	21.07	22.5	2
20	16QAM	50	24	20.84	21.02	21.10		
20	16QAM	50	50	20.83	20.99	21.15		
20	16QAM	100	0	20.81	20.99	21.09		
20	64QAM	1	0	20.88	21.03	21.18	22.5	2
20	64QAM	1	49	20.95	21.10	21.21		
20	64QAM	1	99	20.90	21.09	21.12		
20	64QAM	50	0	19.67	20.00	20.09	21.5	3
20	64QAM	50	24	19.85	19.96	20.06		
20	64QAM	50	50	19.85	20.00	20.12		
20	64QAM	100	0	19.83	20.00	20.08		
20	256QAM	1	0	18.50	18.54	18.47	19.5	5
20	256QAM	1	49	18.45	18.55	18.47		
20	256QAM	1	99	18.32	18.38	18.34		
20	256QAM	50	0	18.03	18.35	18.46	19.5	5
20	256QAM	50	24	18.41	18.45	18.38		
20	256QAM	50	50	18.42	18.44	18.34		
20	256QAM	100	0	18.20	18.32	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.90	22.79	24.5	0
15	QPSK	1	37	22.74	22.82	22.81		
15	QPSK	1	74	22.73	22.75	22.75		
15	QPSK	36	0	21.75	22.10	22.02	23.5	1
15	QPSK	36	20	21.78	21.89	22.07		
15	QPSK	36	39	21.77	21.92	21.99		
15	QPSK	75	0	21.75	21.92	21.95		
15	16QAM	1	0	21.89	22.08	22.20	23.5	1
15	16QAM	1	37	22.03	22.08	22.21		
15	16QAM	1	74	22.02	22.12	22.16		
15	16QAM	36	0	20.57	20.92	20.99	22.5	2
15	16QAM	36	20	20.80	21.00	20.99		
15	16QAM	36	39	20.80	21.00	21.04		
15	16QAM	75	0	20.74	20.89	21.04		
15	64QAM	1	0	20.85	20.94	21.17	22.5	2
15	64QAM	1	37	20.91	21.05	21.16		
15	64QAM	1	74	20.88	21.04	21.03		
15	64QAM	36	0	19.62	19.91	20.06	21.5	3
15	64QAM	36	20	19.84	19.86	19.95		
15	64QAM	36	39	19.79	19.96	20.09		
15	64QAM	75	0	19.80	19.96	20.02		
15	256QAM	1	0	18.39	18.53	18.41	19.5	5
15	256QAM	1	37	18.43	18.50	18.39		
15	256QAM	1	74	18.26	18.26	18.22		
15	256QAM	36	0	18.49	18.51	18.38	19.5	5
15	256QAM	36	20	18.33	18.36	18.33		
15	256QAM	36	39	18.39	18.38	18.33		
15	256QAM	75	0	18.14	18.30	18.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.82	22.94	22.82	24.5	0
10	QPSK	1	25	22.70	22.80	22.73		
10	QPSK	1	49	22.77	22.76	22.76		
10	QPSK	25	0	21.80	22.13	22.03	23.5	1
10	QPSK	25	12	21.80	21.96	22.04		
10	QPSK	25	25	21.85	21.91	21.99		
10	QPSK	50	0	21.76	21.88	21.88		
10	16QAM	1	0	21.96	22.19	22.30	23.5	1
10	16QAM	1	25	21.97	22.09	22.30		
10	16QAM	1	49	21.98	22.14	22.17		
10	16QAM	25	0	20.83	20.98	21.04	22.5	2
10	16QAM	25	12	20.83	20.95	21.03		
10	16QAM	25	25	20.73	20.93	21.04		
10	16QAM	50	0	20.76	20.95	21.06		
10	64QAM	1	0	20.84	20.98	21.16	22.5	2
10	64QAM	1	25	20.93	21.07	21.11		
10	64QAM	1	49	20.87	20.97	21.01		
10	64QAM	25	0	19.56	19.89	19.99	21.5	3
10	64QAM	25	12	19.73	19.95	19.99		
10	64QAM	25	25	19.75	19.91	20.05		
10	64QAM	50	0	19.82	19.88	20.02		
10	256QAM	1	0	18.46	18.52	18.35	19.5	5
10	256QAM	1	25	18.37	18.45	18.43		
10	256QAM	1	49	18.25	18.31	18.25		
10	256QAM	25	0	18.49	18.52	18.44	19.5	5
10	256QAM	25	12	18.38	18.34	18.26		
10	256QAM	25	25	18.38	18.36	18.29		
10	256QAM	50	0	18.09	18.22	18.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.75	22.95	22.82	24.5	0
5	QPSK	1	12	22.67	22.75	22.70		
5	QPSK	1	24	22.73	22.75	22.75		
5	QPSK	12	0	21.76	22.06	22.07	23.5	1
5	QPSK	12	7	21.77	22.00	22.04		
5	QPSK	12	13	21.74	21.94	22.01		
5	QPSK	25	0	21.75	21.92	21.97		
5	16QAM	1	0	21.87	22.07	22.23	23.5	1
5	16QAM	1	12	22.04	22.11	22.28		
5	16QAM	1	24	21.93	22.15	22.19		
5	16QAM	12	0	20.59	21.01	21.03	22.5	2
5	16QAM	12	7	20.74	20.93	21.08		
5	16QAM	12	13	20.75	20.94	21.08		
5	16QAM	25	0	20.80	20.97	21.01		
5	64QAM	1	0	20.83	20.95	21.13	22.5	2
5	64QAM	1	12	21.00	21.08	21.20		
5	64QAM	1	24	20.84	21.06	21.04		
5	64QAM	12	0	19.65	19.99	19.97	21.5	3
5	64QAM	12	7	19.83	19.93	20.02		
5	64QAM	12	13	19.77	19.88	20.01		
5	64QAM	25	0	19.72	19.92	19.96		
5	256QAM	1	0	18.46	18.44	18.43	19.5	5
5	256QAM	1	12	18.42	18.44	18.43		
5	256QAM	1	24	18.22	18.30	18.30		
5	256QAM	12	0	18.51	18.53	18.35	19.5	5
5	256QAM	12	7	18.29	18.33	18.30		
5	256QAM	12	13	18.39	18.36	18.23		
5	256QAM	25	0	18.28	18.28	18.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.86	22.86	24.5	0
3	QPSK	1	8	22.77	22.78	22.74		
3	QPSK	1	14	22.83	22.77	22.80		
3	QPSK	8	0	21.77	22.12	22.07	23.5	1
3	QPSK	8	4	21.74	21.95	21.98		
3	QPSK	8	7	21.75	21.95	22.04		
3	QPSK	15	0	21.74	21.90	21.87		
3	16QAM	1	0	21.88	22.09	22.22	23.5	1
3	16QAM	1	8	22.00	22.16	22.19		
3	16QAM	1	14	21.93	22.14	22.13		
3	16QAM	8	0	20.60	21.01	21.04	22.5	2
3	16QAM	8	4	20.78	20.90	21.01		
3	16QAM	8	7	20.74	20.97	21.13		
3	16QAM	15	0	20.70	20.95	21.00		
3	64QAM	1	0	20.77	20.94	21.17	22.5	2
3	64QAM	1	8	20.86	21.08	21.12		
3	64QAM	1	14	20.85	20.98	21.02		
3	64QAM	8	0	19.56	19.89	20.06	21.5	3
3	64QAM	8	4	19.79	19.95	20.02		
3	64QAM	8	7	19.83	19.91	20.03		
3	64QAM	15	0	19.79	19.93	20.00		
3	256QAM	1	0	18.49	18.44	18.46	19.5	5
3	256QAM	1	8	18.44	18.53	18.36		
3	256QAM	1	14	18.26	18.33	18.32		
3	256QAM	8	0	18.44	18.53	18.38	19.5	5
3	256QAM	8	4	18.34	18.39	18.35		
3	256QAM	8	7	18.34	18.39	18.23		
3	256QAM	15	0	18.17	18.22	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.75	22.89	22.82	24.5	0
1.4	QPSK	1	3	22.71	22.81	22.75		
1.4	QPSK	1	5	22.80	22.74	22.76		
1.4	QPSK	3	0	22.70	22.80	22.75		
1.4	QPSK	3	1	22.69	22.75	22.74		
1.4	QPSK	3	3	22.75	22.62	22.67		
1.4	QPSK	6	0	21.77	21.94	21.95	23.5	1
1.4	16QAM	1	0	21.96	22.06	22.22	23.5	1
1.4	16QAM	1	3	22.01	22.16	22.26		
1.4	16QAM	1	5	21.99	22.11	22.13		
1.4	16QAM	3	0	21.87	22.05	22.13		
1.4	16QAM	3	1	21.96	22.05	22.18		
1.4	16QAM	3	3	21.93	22.00	22.07		
1.4	16QAM	6	0	20.70	20.92	21.05	22.5	2
1.4	64QAM	1	0	20.76	20.91	21.10	22.5	2
1.4	64QAM	1	3	20.85	21.09	21.18		
1.4	64QAM	1	5	20.83	21.02	21.02		
1.4	64QAM	3	0	20.76	20.85	21.08		
1.4	64QAM	3	1	20.73	20.97	21.10		
1.4	64QAM	3	3	20.73	20.99	20.90		
1.4	64QAM	6	0	19.81	19.89	20.05	21.5	3
1.4	256QAM	1	0	18.43	18.47	18.44	19.5	5
1.4	256QAM	1	3	18.43	18.47	18.37		
1.4	256QAM	1	5	18.23	18.37	18.24		
1.4	256QAM	3	0	18.52	18.53	18.43		
1.4	256QAM	3	1	18.37	18.33	18.31		
1.4	256QAM	3	3	18.37	18.32	18.23		
1.4	256QAM	6	0	18.19	18.28	18.09	19.5	5

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.62	24.69	24.65	25.5	0
20	QPSK	1	49	24.61	24.67	24.61		
20	QPSK	1	99	24.56	24.64	24.63		
20	QPSK	50	0	23.61	23.73	23.70	24.5	1
20	QPSK	50	24	23.46	23.69	23.68		
20	QPSK	50	50	23.59	23.64	23.68		
20	QPSK	100	0	23.60	23.70	23.65		
20	16QAM	1	0	23.80	23.86	23.95	24.5	1
20	16QAM	1	49	23.79	23.87	23.91		
20	16QAM	1	99	23.75	23.85	23.86		
20	16QAM	50	0	22.41	22.69	22.74	23.5	2
20	16QAM	50	24	22.57	22.67	22.72		
20	16QAM	50	50	22.57	22.61	22.79		
20	16QAM	100	0	22.56	22.65	22.70		
20	64QAM	1	0	22.64	22.76	22.79	23.5	2
20	64QAM	1	49	22.63	22.77	22.80		
20	64QAM	1	99	22.62	22.72	22.73		
20	64QAM	50	0	21.43	21.68	21.70	22.5	3
20	64QAM	50	24	21.59	21.62	21.71		
20	64QAM	50	50	21.59	21.62	21.76		
20	64QAM	100	0	21.56	21.61	21.69		
20	256QAM	1	0	19.57	19.66	19.63	20.5	5
20	256QAM	1	49	19.56	19.65	19.61		
20	256QAM	1	99	19.40	19.45	19.39		
20	256QAM	50	0	19.61	19.63	19.62	20.5	5
20	256QAM	50	24	19.60	19.66	19.61		
20	256QAM	50	50	19.33	19.44	19.33		
20	256QAM	100	0	19.51	19.59	19.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.55	24.67	24.61	25.5	0
15	QPSK	1	37	24.52	24.61	24.55		
15	QPSK	1	74	24.53	24.57	24.56		
15	QPSK	36	0	23.58	23.82	23.80	24.5	1
15	QPSK	36	20	23.38	23.57	23.67		
15	QPSK	36	39	23.53	23.80	23.58		
15	QPSK	75	0	23.50	23.80	23.63		
15	16QAM	1	0	23.73	23.85	23.93	24.5	1
15	16QAM	1	37	23.71	23.77	23.88		
15	16QAM	1	74	23.69	23.82	23.81		
15	16QAM	36	0	22.36	22.68	22.68	23.5	2
15	16QAM	36	20	22.52	22.61	22.64		
15	16QAM	36	39	22.48	22.58	22.74		
15	16QAM	75	0	22.53	22.56	22.69		
15	64QAM	1	0	22.63	22.70	22.70	23.5	2
15	64QAM	1	37	22.61	22.67	22.70		
15	64QAM	1	74	22.54	22.71	22.68		
15	64QAM	36	0	21.38	21.56	21.69	22.5	3
15	64QAM	36	20	21.58	21.54	21.61		
15	64QAM	36	39	21.56	21.53	21.73		
15	64QAM	75	0	21.51	21.64	21.64		
15	256QAM	1	0	19.45	19.65	19.62	20.5	5
15	256QAM	1	37	19.53	19.62	19.50		
15	256QAM	1	74	19.32	19.33	19.29		
15	256QAM	36	0	19.53	19.58	19.54	20.5	5
15	256QAM	36	20	19.56	19.65	19.55		
15	256QAM	36	39	19.29	19.41	19.27		
15	256QAM	75	0	19.49	19.53	19.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.58	24.66	24.53	25.5	0
10	QPSK	1	25	24.54	24.59	24.55		
10	QPSK	1	49	24.55	24.60	24.59		
10	QPSK	25	0	23.60	23.84	23.68	24.5	1
10	QPSK	25	12	23.38	23.60	23.58		
10	QPSK	25	25	23.58	23.63	23.57		
10	QPSK	50	0	23.52	23.63	23.62		
10	16QAM	1	0	23.69	23.77	23.86	24.5	1
10	16QAM	1	25	23.69	23.75	23.89		
10	16QAM	1	49	23.70	23.83	23.84		
10	16QAM	25	0	22.34	22.60	22.68	23.5	2
10	16QAM	25	12	22.52	22.62	22.65		
10	16QAM	25	25	22.49	22.60	22.64		
10	16QAM	50	0	22.48	22.54	22.67		
10	64QAM	1	0	22.54	22.75	22.75	23.5	2
10	64QAM	1	25	22.53	22.67	22.73		
10	64QAM	1	49	22.60	22.71	22.72		
10	64QAM	25	0	21.40	21.58	21.64	22.5	3
10	64QAM	25	12	21.50	21.59	21.67		
10	64QAM	25	25	21.52	21.57	21.72		
10	64QAM	50	0	21.44	21.54	21.61		
10	256QAM	1	0	19.46	19.57	19.57	20.5	5
10	256QAM	1	25	19.49	19.55	19.60		
10	256QAM	1	49	19.39	19.44	19.30		
10	256QAM	25	0	19.54	19.54	19.61	20.5	5
10	256QAM	25	12	19.50	19.65	19.58		
10	256QAM	25	25	19.21	19.36	19.24		
10	256QAM	50	0	19.43	19.51	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.53	24.63	24.55	25.5	0
5	QPSK	1	12	24.60	24.64	24.51		
5	QPSK	1	24	24.55	24.62	24.59		
5	QPSK	12	0	23.54	23.76	23.67	24.5	1
5	QPSK	12	7	23.39	23.67	23.59		
5	QPSK	12	13	23.54	23.54	23.67		
5	QPSK	25	0	23.58	23.60	23.62		
5	16QAM	1	0	23.71	23.79	23.93	24.5	1
5	16QAM	1	12	23.77	23.77	23.85		
5	16QAM	1	24	23.66	23.78	23.74		
5	16QAM	12	0	22.38	22.67	22.73	23.5	2
5	16QAM	12	7	22.54	22.62	22.66		
5	16QAM	12	13	22.55	22.56	22.74		
5	16QAM	25	0	22.47	22.54	22.67		
5	64QAM	1	0	22.54	22.64	22.74	23.5	2
5	64QAM	1	12	22.52	22.62	22.74		
5	64QAM	1	24	22.60	22.65	22.66		
5	64QAM	12	0	21.38	21.56	21.59	22.5	3
5	64QAM	12	7	21.55	21.51	21.66		
5	64QAM	12	13	21.56	21.53	21.66		
5	64QAM	25	0	21.49	21.53	21.57		
5	256QAM	1	0	19.55	19.54	19.60	20.5	5
5	256QAM	1	12	19.51	19.64	19.58		
5	256QAM	1	24	19.37	19.40	19.27		
5	256QAM	12	0	19.57	19.55	19.52	20.5	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.29	19.32	19.28		
5	256QAM	25	0	19.44	19.56	19.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.51	24.59	24.63	25.5	0
3	QPSK	1	8	24.58	24.62	24.56		
3	QPSK	1	14	24.44	24.63	24.60		
3	QPSK	8	0	23.56	23.61	23.64	24.5	1
3	QPSK	8	4	23.38	23.63	23.64		
3	QPSK	8	7	23.53	23.62	23.58		
3	QPSK	15	0	23.53	23.65	23.54		
3	16QAM	1	0	23.72	23.79	23.84	24.5	1
3	16QAM	1	8	23.72	23.80	23.85		
3	16QAM	1	14	23.74	23.78	23.74		
3	16QAM	8	0	22.37	22.60	22.62	23.5	2
3	16QAM	8	4	22.49	22.60	22.71		
3	16QAM	8	7	22.50	22.54	22.69		
3	16QAM	15	0	22.49	22.61	22.61		
3	64QAM	1	0	22.61	22.73	22.73	23.5	2
3	64QAM	1	8	22.58	22.69	22.75		
3	64QAM	1	14	22.50	22.66	22.63		
3	64QAM	8	0	21.36	21.56	21.62	22.5	3
3	64QAM	8	4	21.50	21.51	21.62		
3	64QAM	8	7	21.56	21.56	21.67		
3	64QAM	15	0	21.52	21.64	21.58		
3	256QAM	1	0	19.54	19.63	19.52	20.5	5
3	256QAM	1	8	19.50	19.63	19.49		
3	256QAM	1	14	19.39	19.34	19.27		
3	256QAM	8	0	19.49	19.62	19.52	20.5	5
3	256QAM	8	4	19.52	19.60	19.56		
3	256QAM	8	7	19.22	19.39	19.23		
3	256QAM	15	0	19.45	19.52	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.59	24.65	24.58	25.5	0
1.4	QPSK	1	3	24.57	24.61	24.58		
1.4	QPSK	1	5	24.55	24.56	24.52		
1.4	QPSK	3	0	24.50	24.62	24.52		
1.4	QPSK	3	1	24.56	24.55	24.48		
1.4	QPSK	3	3	24.49	24.49	24.43		
1.4	QPSK	6	0	23.56	23.59	23.62	24.5	1
1.4	16QAM	1	0	23.79	23.79	23.88	24.5	1
1.4	16QAM	1	3	23.75	23.84	23.84		
1.4	16QAM	1	5	23.63	23.84	23.85		
1.4	16QAM	3	0	23.75	23.78	23.86		
1.4	16QAM	3	1	23.71	23.72	23.82		
1.4	16QAM	3	3	23.52	23.82	23.78		
1.4	16QAM	6	0	22.45	22.53	22.58	23.5	2
1.4	64QAM	1	0	22.56	22.75	22.69	23.5	2
1.4	64QAM	1	3	22.55	22.74	22.79		
1.4	64QAM	1	5	22.56	22.67	22.66		
1.4	64QAM	3	0	22.48	22.69	22.68		
1.4	64QAM	3	1	22.48	22.65	22.75		
1.4	64QAM	3	3	22.46	22.60	22.65		
1.4	64QAM	6	0	21.52	21.55	21.59	22.5	3
1.4	256QAM	1	0	19.49	19.63	19.55	20.5	5
1.4	256QAM	1	3	19.51	19.56	19.51		
1.4	256QAM	1	5	19.32	19.43	19.38		
1.4	256QAM	3	0	19.55	19.55	19.54		
1.4	256QAM	3	1	19.51	19.55	19.59		
1.4	256QAM	3	3	19.23	19.34	19.26		
1.4	256QAM	6	0	19.47	19.48	19.41	20.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65	25.5	0
10	QPSK	1	25	24.55	24.56	24.64		
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64	24.5	1
10	QPSK	25	12	23.53	23.52	23.62		
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82	24.5	1
10	16QAM	1	25	23.73	23.82	23.91		
10	16QAM	1

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	22.99	22.86		
20	QPSK	1	49	22.98	22.97	22.84	24	0
20	QPSK	1	99	22.85	22.96	22.84		
20	QPSK	50	0	22.03	22.07	21.99		
20	QPSK	50	24	21.98	22.04	21.92	23	1
20	QPSK	50	50	21.98	22.00	21.91		
20	QPSK	100	0	21.90	22.00	21.90		
20	16QAM	1	0	22.04	22.16	22.09		
20	16QAM	1	49	22.15	22.22	22.09	23	1
20	16QAM	1	99	22.17	22.20	22.05		
20	16QAM	50	0	20.88	21.02	20.92		
20	16QAM	50	24	20.88	20.99	20.86	22	2
20	16QAM	50	50	20.99	21.00	20.87		
20	16QAM	100	0	20.87	20.95	20.89		
20	64QAM	1	0	20.96	21.08	21.00		
20	64QAM	1	49	21.11	21.13	20.99	22	2
20	64QAM	1	99	21.12	21.15	21.02		
20	64QAM	50	0	19.85	20.04	19.91		
20	64QAM	50	24	19.89	20.00	19.87	21	3
20	64QAM	50	50	20.02	19.98	19.85		
20	64QAM	100	0	19.88	19.99	19.88		
20	256QAM	1	0	17.37	17.44	17.40		
20	256QAM	1	49	17.30	17.38	17.31	19	5
20	256QAM	1	99	17.33	17.36	17.33		
20	256QAM	50	0	17.36	17.40	17.35		
20	256QAM	50	24	17.44	17.45	17.42	19	5
20	256QAM	50	50	17.33	17.44	17.43		
20	256QAM	100	0	17.26	17.33	17.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	22.95	22.80		
15	QPSK	1	37	22.92	22.91	22.79	24	0
15	QPSK	1	74	22.76	22.89	22.75		
15	QPSK	36	0	21.92	21.99	21.98		
15	QPSK	36	20	21.94	21.95	21.91	23	1
15	QPSK	36	39	21.95	21.93	21.80		
15	QPSK	75	0	21.82	21.97	21.86		
15	16QAM	1	0	21.99	22.04	22.01		
15	16QAM	1	37	22.04	22.12	22.04	23	1
15	16QAM	1	74	22.15	22.14	21.93		
15	16QAM	36	0	20.79	20.93	20.82		
15	16QAM	36	20	20.78	20.91	20.85	22	2
15	16QAM	36	39	20.98	20.92	20.86		
15	16QAM	75	0	20.82	20.84	20.84		
15	64QAM	1	0	20.86	21.01	20.93		
15	64QAM	1	37	21.02	21.10	20.91	22	2
15	64QAM	1	74	21.05	21.04	20.91		
15	64QAM	36	0	19.75	19.92	19.85		
15	64QAM	36	20	19.80	19.98	19.83	21	3
15	64QAM	36	39	19.99	19.95	19.84		
15	64QAM	75	0	19.80	19.95	19.80		
15	256QAM	1	0	17.33	17.37	17.31		
15	256QAM	1	37	17.26	17.31	17.27	19	5
15	256QAM	1	74	17.25	17.26	17.29		
15	256QAM	36	0	17.25	17.37	17.29		
15	256QAM	36	20	17.41	17.38	17.31	19	5
15	256QAM	36	39	17.28	17.40	17.31		
15	256QAM	75	0	17.18	17.22	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.95	22.91	22.87		
10	QPSK	1	25	22.95	22.86	22.75	24	0
10	QPSK	1	49	22.83	22.84	22.76		
10	QPSK	25	0	21.93	22.04	21.89		
10	QPSK	25	12	21.87	21.96	21.83	23	1
10	QPSK	25	25	21.92	21.95	21.83		
10	QPSK	50	0	21.79	21.96	21.78		
10	16QAM	1	0	21.93	22.05	22.04		
10	16QAM	1	25	22.08	22.19	22.00	23	1
10	16QAM	1	49	22.12	22.13	22.00		
10	16QAM	25	0	20.79	20.93	20.84		
10	16QAM	25	12	20.85	20.95	20.81	22	2
10	16QAM	25	25	20.96	20.93	20.80		
10	16QAM	50	0	20.75	20.84	20.83		
10	64QAM	1	0	20.87	20.96	20.93		
10	64QAM	1	25	20.99	21.02	20.92	22	2
10	64QAM	1	49	21.05	21.05	20.92		
10	64QAM	25	0	19.82	19.95	19.89		
10	64QAM	25	12	19.88	19.90	19.77	21	3
10	64QAM	25	25	19.98	19.92	19.78		
10	64QAM	50	0	19.77	19.98	19.80		
10	256QAM	1	0	17.32	17.37	17.29		
10	256QAM	1	25	17.22	17.31	17.30	19	5
10	256QAM	1	49	17.32	17.25	17.28		
10	256QAM	25	0	17.28	17.28	17.28		
10	256QAM	25	12	17.38	17.42	17.38	19	5
10	256QAM	25	25	17.24	17.33	17.31		
10	256QAM	50	0	17.18	17.26	17.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.88	22.89	22.87		
5	QPSK	1	12	22.93	22.96	22.81	24	0
5	QPSK	1	24	22.75	22.91	22.73		
5	QPSK	12	0	21.93	22.05	21.92		
5	QPSK	12	7	21.84	22.02	21.81	23	1
5	QPSK	12	13	21.86	21.95	21.81		
5	QPSK	25	0	21.80	21.98	21.79		
5	16QAM	1	0	22.03	22.10	22.00		
5	16QAM	1	12	22.03	22.17	22.07	23	1
5	16QAM	1	24	22.06	22.11	21.99		
5	16QAM	12	0	20.84	20.93	20.82		
5	16QAM	12	7	20.86	20.94	20.76	22	2
5	16QAM	12	13	20.89	20.93	20.77		
5	16QAM	25	0	20.85	20.83	20.82		
5	64QAM	1	0	20.87	21.07	20.89		
5	64QAM	1	12	21.00	21.06	20.98	22	2
5	64QAM	1	24	21.03	21.12	20.94		
5	64QAM	12	0	19.79	19.94	19.86		
5	64QAM	12	7	19.79	19.96	19.75	21	3
5	64QAM	12	13	19.90	19.96	19.84		
5	64QAM	25	0	19.86	19.91	19.80		
5	256QAM	1	0	17.34	17.35	17.32		
5	256QAM	1	12	17.27	17.28	17.21	19	5
5	256QAM	1	24	17.27	17.29	17.23		
5	256QAM	12	0	17.30	17.38	17.28		
5	256QAM	12	7	17.42	17.40	17.35	19	5
5	256QAM	12	13	17.22	17.33	17.33		
5	256QAM	25	0	17.20	17.21	17.29		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.32	24.41	24.39		
20	QPSK	1	49	24.25	24.36	24.34	25.5	0
20	QPSK	1	99	24.19	24.34	24.31		
20	QPSK	50	0	23.39	23.44	23.41		
20	QPSK	50	24	23.24	23.36	23.35	24.5	1
20	QPSK	50	50	23.31	23.41	23.36		
20	QPSK	100	0	23.23	23.39	23.38		
20	16QAM	1	0	23.32	23.41	23.54		
20	16QAM	1	49	23.47	23.58	23.55	24.5	1
20	16QAM	1	99	23.50	23.61	23.54		
20	16QAM	50	0	22.17	22.42	22.41		
20	16QAM	50	24	22.20	22.41	22.33	23.5	2
20	16QAM	50	50	22.39	22.41	22.32		
20	16QAM	100	0	22.21	22.35	22.36		
20	64QAM	1	0	22.28	22.43	22.47		
20	64QAM	1	49	22.40	22.52	22.47	23.5	2
20	64QAM	1	99	22.42	22.54	22.49		
20	64QAM	50	0	21.16	21.44	21.41		
20	64QAM	50	24	21.18	21.42	21.32	22.5	3
20	64QAM	50	50	21.35	21.40	21.35		
20	64QAM	100	0	21.21	21.36	21.35		
20	256QAM	1	0	19.23	19.34	19.31		
20	256QAM	1	49	19.28	19.33	19.27	20.5	5
20	256QAM	1	99	19.43	19.47	19.35		
20	256QAM	50	0	19.20	19.31	19.24		
20	256QAM	50	24	19.23	19.33	19.29	20.5	5
20	256QAM	50	50	19.21	19.28	19.22		
20	256QAM	100	0	19.16	19.25	19.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.30	24.30		
15	QPSK	1	37	24.19	24.24	24.32	25.5	0
15	QPSK	1	74	24.09	24.28	24.20		
15	QPSK	36	0	23.27	23.32	23.33		
15	QPSK	36	20	23.17	23.26	23.24	24.5	1
15	QPSK	36	39	23.26	23.37	23.29		
15	QPSK	75	0	23.17	23.34	23.26		
15	16QAM	1	0	23.20	23.31	23.43		
15	16QAM	1	37	23.43	23.53	23.50	24.5	1
15	16QAM	1	74	23.41	23.49	23.44		
15	16QAM	36	0	22.06	22.32	22.29		
15	16QAM	36	20	22.19	22.35	22.27	23.5	2
15	16QAM	36	39	22.27	22.32	22.27		
15	16QAM	75	0	22.13	22.26	22.25		
15	64QAM	1	0	22.20	22.34	22.46		
15	64QAM	1	37	22.34	22.50	22.42	23.5	2
15	64QAM	1	74	22.30	22.51	22.42		
15	64QAM	36	0	21.13	21.34	21.38		
15	64QAM	36	20	21.09	21.39	21.23	22.5	3
15	64QAM	36	39	21.23	21.36	21.27		
15	64QAM	75	0	21.12	21.35	21.24		
15	256QAM	1	0	19.11	19.25	19.26		
15	256QAM	1	37	19.27	19.27	19.26	20.5	5
15	256QAM	1	74	19.37	19.38	19.32		
15	256QAM	36	0	19.14	19.28	19.17		
15	256QAM	36	20	19.18	19.25	19.27	20.5	5
15	256QAM	36	39	19.13	19.24	19.13		
15	256QAM	75	0	19.10	19.15	19.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.22	24.29	24.35		
10	QPSK	1	25	24.24	24.31	24.28	25.5	0
10	QPSK	1	49	24.13	24.32	24.26		
10	QPSK	25	0	23.34	23.42	23.36		
10	QPSK	25	12	23.20	23.28	23.29	24.5	1
10	QPSK	25	25	23.24	23.33	23.35		
10	QPSK	50	0	23.20	23.28	23.37		
10	16QAM	1	0	23.31	23.32	23.49		
10	16QAM	1	25	23.38	23.53	23.53	24.5	1
10	16QAM	1	49	23.48	23.54	23.44		
10	16QAM	25	0	22.10	22.39	22.35		
10	16QAM	25	12	22.19	22.29	22.29	23.5	2
10	16QAM	25	25	22.31	22.40	22.26		
10	16QAM	50	0	22.13	22.28	22.31		
10	64QAM	1	0	22.21	22.41	22.41		
10	64QAM	1	25	22.29	22.46	22.46	23.5	2
10	64QAM	1	49	22.39	22.46	22.42		
10	64QAM	25	0	21.07	21.42	21.29		
10	64QAM	25	12	21.16	21.32	21.20	22.5	3
10	64QAM	25	25	21.27	21.30	21.34		
10	64QAM	50	0	21.15	21.26	21.28		
10	256QAM	1	0	19.16	19.27	19.26		
10	256QAM	1	25	19.18	19.30	19.19	20.5	5
10	256QAM	1	49	19.39	19.45	19.32		
10	256QAM	25	0	19.13	19.28	19.12		
10	256QAM	25	12	19.17	19.30	19.26	20.5	5
10	256QAM	25	25	19.19	19.23	19.21		
10	256QAM	50	0	19.08	19.15	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.31	24.39	24.28		
5	QPSK	1	12	24.24	24.31	24.24	25.5	0
5	QPSK	1	24	24.08	24.27	24.26		
5	QPSK	12	0	23.27	23.37	23.33		
5	QPSK	12	7	23.20	23.32	23.26	24.5	1
5	QPSK	12	13	23.25	23.40	23.27		
5	QPSK	25	0	23.12	23.31	23.36		
5	16QAM	1	0	23.28	23.35	23.45		
5	16QAM	1	12	23.40	23.50	23.44	24.5	1
5	16QAM	1	24	23.38	23.50	23.49		
5	16QAM	12	0	22.16	22.40	22.38		
5	16QAM	12	7	22.08	22.32	22.30	23.5	2
5	16QAM	12	13	22.27	22.31	22.28		
5	16QAM	25	0	22.15	22.23	22.28		
5	64QAM	1	0	22.24	22.33	22.35		
5	64QAM	1	12	22.38	22.51	22.43	23.5	2
5	64QAM	1	24	22.34	22.42	22.38		
5	64QAM	12	0	21.06	21.39	21.37		
5	64QAM	12	7	21.17	21.40	21.22		
5	64QAM	12	13	21.23	21.36	21.24	22.5	3
5	64QAM	25	0	21.18	21.24	21.30		
5	256QAM	1	0	19.21	19.30	19.28		
5	256QAM	1	12	19.27	19.25	19.18	20.5	5
5	256QAM	1	24	19.38	19.48	19.24		
5	256QAM	12	0	19.09	19.29	19.20		
5	256QAM	12	7	19.20	19.32	19.19	20.5	5
5	256QAM	12	13	19.16	19.27	19.15		
5	256QAM	25	0	19.07	19.18	19.11		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.01	23.04	22.99		
20	QPSK	1	49	22.99	23.03	22.93	24	0
20	QPSK	1	99	22.99	23.01	22.94		
20	QPSK	50	0	22.05	22.11	22.07		
20	QPSK	50	24	22.03	22.09	22.00	23	1
20	QPSK	50	50	22.03	22.09	22.06		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.16	22.17	22.13		
20	16QAM	1	49	22.28	22.27	22.15	23	1
20	16QAM	1	99	22.26	22.30	22.11		
20	16QAM	50	0	20.92	21.08	21.00		
20	16QAM	50	24	21.03	21.09	20.99	22	2
20	16QAM	50	50	21.07	21.04	20.95		
20	16QAM	100	0	20.97	21.04	20.95		
20	64QAM	1	0	21.12	21.14	21.07		
20	64QAM	1	49	21.19	21.20	21.05	22	2
20	64QAM	1	99	21.15	21.16	21.09		
20	64QAM	50	0	19.96	20.12	20.03		
20	64QAM	50	24	19.96	20.02	19.94	21	3
20	64QAM	50	50	20.07	20.02	19.95		
20	64QAM	100	0	19.99	20.04	19.96		
20	256QAM	1	0	17.52	17.62	17.50		
20	256QAM	1	49	17.58	17.64	17.57	19	5
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46		
20	256QAM	50	24	17.59	17.56	17.52	19	5
20	256QAM	50	50	17.61	17.63	17.59		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	22.95	22.90		
15	QPSK	1	37	22.94	22.94	22.90	24	0
15	QPSK	1	74	22.87	22.98	22.91		
15	QPSK	36	0	21.94	22.10	22.03		
15	QPSK	36	20	21.95	22.04	21.94	23	1
15	QPSK	36	39	21.98	21.99	21.87		
15	QPSK	75	0	22.00	21.94	21.89		
15	16QAM	1	0	22.13	22.13	22.11		
15	16QAM	1	37	22.16	22.19	22.06	23	1
15	16QAM	1	74	22.16	22.23	22.10		
15	16QAM	36	0	20.87	21.04	20.97		
15	16QAM	36	20	20.99	21.02	20.87	22	2
15	16QAM	36	39	21.03	20.96	20.87		
15	16QAM	75	0	20.91	20.95	20.85		
15	64QAM	1	0	21.07	21.07	20.98		
15	64QAM	1	37	21.14	21.09	20.97	22	2
15	64QAM	1	74	21.10	21.13	21.01		
15	64QAM	36	0	19.93	20.01	19.93		
15	64QAM	36	20	19.93	19.96	19.88	21	3
15	64QAM	36	39	20.05	19.95	19.86		
15	64QAM	75	0	19.97	19.95	19.93		
15	256QAM	1	0	17.48	17.50	17.42		
15	256QAM	1	37	17.52	17.62	17.50	19	5
15	256QAM	1	74	17.53	17.62	17.52		
15	256QAM	36	0	17.47	17.48	17.40		
15	256QAM	36	20	17.46	17.54	17.41	19	5
15	256QAM	36	39	17.52	17.58	17.52		
15	256QAM	75	0	17.37	17.45	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.98	23.02	22.87		
10	QPSK	1	25	22.90	22.97	22.91	24	0
10	QPSK	1	49	22.88	23.00	22.83		
10	QPSK	25	0	21.93	21.99	21.98		
10	QPSK	25	12	22.00	22.00	21.93	23	1
10	QPSK	25	25	21.98	21.99	21.86		
10	QPSK	50	0	21.90	21.95	21.87		
10	16QAM	1	0	22.07	22.11	22.12		
10	16QAM	1	25	22.22	22.16	22.03	23	1
10	16QAM	1	49	22.25	22.26	22.07		
10	16QAM	25	0	20.89	20.99	20.89		
10	16QAM	25	12	21.02	21.03	20.87	22	2
10	16QAM	25	25	21.00	20.98	20.94		
10	16QAM	50	0	20.86	20.92	20.94		
10	64QAM	1	0	21.07	21.04	21.03		
10	64QAM	1	25	21.13	21.15	20.94	22	2
10	64QAM	1	49	21.05	21.14	21.02		
10	64QAM	25	0	19.86	20.00	19.91		
10	64QAM	25	12	19.94	19.93	19.82	21	3
10	64QAM	25	25	20.03	19.91	19.84		
10	64QAM	50	0	19.98	19.94	19.90		
10	256QAM	1	0	17.47	17.56	17.38		
10	256QAM	1	25	17.51	17.54	17.50	19	5
10	256QAM	1	49	17.44	17.54	17.62		
10	256QAM	25	0	17.45	17.56	17.32		
10	256QAM	25	12	17.41	17.54	17.45	19	5
10	256QAM	25	25	17.58	17.57	17.48		
10	256QAM	50	0	17.29	17.48	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.01	22.97		
5	QPSK	1	12	22.97	22.92	22.82	24	0
5	QPSK	1	24	22.92	22.92	22.91		
5	QPSK	12	0	21.97	22.08	22.01		
5	QPSK	12	7	22.00	21.97	21.86	23	1
5	QPSK	12	13	22.01	22.07	21.86		
5	QPSK	25	0	21.94	21.97	21.87		
5	16QAM	1	0	22.13	22.16	22.05		
5	16QAM	1	12	22.16	22.22	22.04	23	1
5	16QAM	1	24	22.20	22.23	22.02		
5	16QAM	12	0	20.80	20.98	20.92		
5	16QAM	12	7	20.95	21.08	20.96	22	2
5	16QAM	12	13	21.03	20.96	20.92		
5	16QAM	25	0	20.94	20.99	20.93		
5	64QAM	1	0	21.08	21.12	20.99		
5	64QAM	1	12	21.14	21.19	20.97	22	2
5	64QAM	1	24	21.04	21.05	21.08		
5	64QAM	12	0	19.92	20.07	20.01		
5	64QAM	12	7	19.87	19.91	19.83	21	3
5	64QAM	12	13	19.97	20.01	19.85		
5	64QAM	25	0	19.94	20.00	19.94		
5	256QAM	1	0	17.47	17.53	17.38		
5	256QAM	1	12	17.52	17.54	17.56	19	5
5	256QAM	1	24	17.42	17.57	17.52		
5	256QAM	12	0	17.51	17.51	17.39		
5	256QAM	12	7	17.42	17.52	17.47	19	5
5	256QAM	12	13	17.56	17.57	17.50		
5	256QAM	25	0	17.32	17.45	17.36		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.50	24.54	24.47		
20	QPSK	1	49	24.48	24.52	24.38	25.5	0
20	QPSK	1	99	24.41	24.47	24.37		
20	QPSK	50	0	23.55	23.61	23.48		
20	QPSK	50	24	23.47	23.55	23.42	24.5	1
20	QPSK	50	50	23.47	23.55	23.36		
20	QPSK	100	0	23.49	23.54	23.43		
20	16QAM	1	0	24.40	24.48	24.38		
20	16QAM	1	49	24.39	24.49	24.34	24.5	1
20	16QAM	1	99	24.31	24.46	24.25		
20	16QAM	50	0	22.43	22.44	22.43		
20	16QAM	50	24	22.45	22.44	22.31	23.5	2
20	16QAM	50	50	22.33	22.46	22.34		
20	16QAM	100

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.78		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.66	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.58		25.5	0
10	QPSK	1	25		24.57			
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.62		24.5	1
10	QPSK	25	12		23.53			
10	QPSK	25	25		23.52			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.76		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.78			
10	16QAM	25	0		22.60		23.5	2
10	16QAM	25	12		22.51			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.54			
10	64QAM	1	0		22.62		23.5	2
10	64QAM	1	25		22.66			
10	64QAM	1	49		22.62			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.51			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.51			
10	256QAM	1	0		19.56		20.5	5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.56			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.48			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.39			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.36	24.45	24.46	25.5	0
5	QPSK	1	12	24.51	24.50	24.51		
5	QPSK	1	24	24.41	24.40	24.43		
5	QPSK	12	0	23.41	23.46	23.52	24.5	1
5	QPSK	12	7	23.30	23.49	23.42		
5	QPSK	12	13	23.40	23.39	23.43		
5	QPSK	25	0	23.36	23.45	23.48		
5	16QAM	1	0	23.69	23.62	23.74	24.5	1
5	16QAM	1	12	23.60	23.66	23.72		
5	16QAM	1	24	23.68	23.63	23.67		
5	16QAM	12	0	22.45	22.53	22.51	23.5	2
5	16QAM	12	7	22.34	22.27	22.39		
5	16QAM	12	13	22.24	22.39	22.42		
5	16QAM	25	0	22.43	22.35	22.48		
5	64QAM	1	0	22.51	22.51	22.50	23.5	2
5	64QAM	1	12	22.51	22.56	22.59		
5	64QAM	1	24	22.54	22.55	22.53		
5	64QAM	12	0	21.39	21.47	21.55	22.5	3
5	64QAM	12	7	21.45	21.41	21.40		
5	64QAM	12	13	21.39	21.29	21.35		
5	64QAM	25	0	21.38	21.37	21.39		
5	256QAM	1	0	19.42	19.42	19.47	20.5	5
5	256QAM	1	12	19.49	19.40	19.53		
5	256QAM	1	24	19.47	19.37	19.54		
5	256QAM	12	0	19.31	19.24	19.40	20.5	5
5	256QAM	12	7	19.46	19.38	19.37		
5	256QAM	12	13	19.38	19.43	19.56		
5	256QAM	25	0	19.28	19.23	19.36		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	24.34	24.56	24.55	25.5	0
3	QPSK	1	8	24.49	24.44	24.54		
3	QPSK	1	14	24.36	24.40	24.43		
3	QPSK	8	0	23.40	23.47	23.51	24.5	1
3	QPSK	8	4	23.30	23.47	23.45		
3	QPSK	8	7	23.40	23.37	23.43		
3	QPSK	15	0	23.45	23.46	23.49		
3	16QAM	1	0	23.64	23.60	23.64	24.5	1
3	16QAM	1	8	23.65	23.64	23.71		
3	16QAM	1	14	23.72	23.65	23.67		
3	16QAM	8	0	22.44	22.48	22.58	23.5	2
3	16QAM	8	4	22.43	22.28	22.42		
3	16QAM	8	7	22.23	22.35	22.37		
3	16QAM	15	0	22.37	22.43	22.53		
3	64QAM	1	0	22.51	22.46	22.51	23.5	2
3	64QAM	1	8	22.61	22.53	22.54		
3	64QAM	1	14	22.57	22.54	22.57		
3	64QAM	8	0	21.40	21.40	21.44	22.5	3
3	64QAM	8	4	21.49	21.40	21.43		
3	64QAM	8	7	21.42	21.28	21.38		
3	64QAM	15	0	21.35	21.30	21.44		
3	256QAM	1	0	19.45	19.44	19.53	20.5	5
3	256QAM	1	8	19.49	19.44	19.53		
3	256QAM	1	14	19.43	19.41	19.51		
3	256QAM	8	0	19.29	19.30	19.41	20.5	5
3	256QAM	8	4	19.36	19.39	19.38		
3	256QAM	8	7	19.35	19.45	19.49		
3	256QAM	15	0	19.26	19.19	19.38		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	24.34	24.45	24.48	25.5	0
1.4	QPSK	1	3	24.40	24.52	24.56		
1.4	QPSK	1	5	24.41	24.45	24.50		
1.4	QPSK	3	0	24.28	24.37	24.38		
1.4	QPSK	3	1	24.35	24.47	24.54		
1.4	QPSK	3	3	24.29	24.34	24.43		
1.4	QPSK	6	0	23.42	23.44	23.51	24.5	1
1.4	16QAM	1	0	23.58	23.57	23.66	24.5	1
1.4	16QAM	1	3	23.60	23.61	23.70		
1.4	16QAM	1	5	23.63	23.62	23.76		
1.4	16QAM	3	0	23.46	23.55	23.58		
1.4	16QAM	3	1	23.53	23.51	23.59		
1.4	16QAM	3	3	23.56	23.50	23.70		
1.4	16QAM	6	0	22.38	22.46	22.43	23.5	2
1.4	64QAM	1	0	22.50	22.51	22.51	23.5	2
1.4	64QAM	1	3	22.56	22.61	22.61		
1.4	64QAM	1	5	22.49	22.48	22.50		
1.4	64QAM	3	0	22.41	22.49	22.46		
1.4	64QAM	3	1	22.47	22.57	22.59		
1.4	64QAM	3	3	22.46	22.38	22.43		
1.4	64QAM	6	0	21.36	21.33	21.41	22.5	3
1.4	256QAM	1	0	19.49	19.46	19.47	20.5	5
1.4	256QAM	1	3	19.40	19.50	19.48		
1.4	256QAM	1	5	19.41	19.43	19.47		
1.4	256QAM	3	0	19.31	19.31	19.36		
1.4	256QAM	3	1	19.38	19.32	19.45		
1.4	256QAM	3	3	19.40	19.42	19.53		
1.4	256QAM	6	0	19.31	19.22	19.37	20.5	5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.67		25.5	0
10	QPSK	1	25		23.65			
10	QPSK	1	49		23.62			
10	QPSK	25	0		22.60		24.5	1
10	QPSK	25	12		22.57			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.85		24.5	1
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.87			
10	16QAM	25	0		21.61		23.5	2
10	16QAM	25	12		21.60			
10	16QAM	25	25		21.55			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.72		23.5	2
10	64QAM	1	25		21.73			
10	64QAM	1	49		21.70			
10	64QAM	25	0		20.58		22.5	3
10	64QAM	25	12		20.59			
10	64QAM	25	25		20.54			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.67		20.5	5
10	256QAM	1	25		18.65			
10	256QAM	1	49		18.77			
10	256QAM	25	0		18.60		20.5	5
10	256QAM	25	12		18.59			
10	256QAM	25	25		18.60			
10	256QAM	50	0		18.52			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.57	23.61	23.55	25.5	0
5	QPSK	1	12	23.62	23.58	23.60		
5	QPSK	1	24	23.55	23.57	23.58		
5	QPSK	12	0	22.53	22.49	22.52	24.5	1
5	QPSK	12	7	22.50	22.48	22.51		
5	QPSK	12	13	22.45	22.47	22.46		
5	QPSK	25	0	22.52	22.54	22.51		
5	16QAM	1	0	22.81	22.79	22.84	24.5	1
5	16QAM	1	12	22.82	22.81	22.80		
5	16QAM	1	24	22.84	22.77	22.77		
5	16QAM	12	0	21.52	21.54	21.56	23.5	2
5	16QAM	12	7	21.49	21.49	21.55		
5	16QAM	12	13	21.49	21.50	21.53		
5	16QAM	25	0	21.51	21.48	21.48		
5	64QAM	1	0	21.62	21.63	21.60	23.5	2
5	64QAM	1	12	21.70	21.62	21.68		
5	64QAM	1	24	21.65	21.60	21.69		
5	64QAM	12	0	20.49	20.57	20.48	22.5	3
5	64QAM	12	7	20.55	20.54	20.55		
5	64QAM	12	13	20.45	20.47	20.45		
5	64QAM	25	0	20.48	20.46	20.43		
5	256QAM	1	0	18.64	18.62	18.62	20.5	5
5	256QAM	1	12	18.58	18.64	18.56		
5	256QAM	1	24	18.71	18.74	18.72		
5	256QAM	12	0	18.56	18.56	18.51	20.5	5
5	256QAM	12	7	18.47	18.50	18.56		
5	256QAM	12	13	18.53	18.50	18.58		
5	256QAM	25	0	18.48	18.47	18.41		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	23.56	23.61	23.58	25.5	0
3	QPSK	1	8	23.54	23.57	23.55		
3	QPSK	1	14	23.57	23.53	23.51		
3	QPSK	8	0	22.48	22.49	22.59	24.5	1
3	QPSK	8	4	22.50	22.53	22.56		
3	QPSK	8	7	22.52	22.49	22.51		
3	QPSK	15	0	22.51	22.53	22.57		
3	16QAM	1	0	22.76	22.81	22.74	24.5	1
3	16QAM	1	8	22.84	22.86	22.85		
3	16QAM	1	14	22.81	22.77	22.77		
3	16QAM	8	0	21.52	21.52	21.59	23.5	2
3	16QAM	8	4	21.58	21.57	21.51		
3	16QAM	8	7	21.45	21.43	21.49		
3	16QAM	15	0	21.55	21.54	21.50		
3	64QAM	1	0	21.62	21.60	21.66	23.5	2
3	64QAM	1	8	21.69	21.68	21.71		
3	64QAM	1	14	21.65	21.66	21.58		
3	64QAM	8	0	20.55	20.55	20.53	22.5	3
3	64QAM	8	4	20.53	20.49	20.55		
3	64QAM	8	7	20.48	20.46	20.49		
3	64QAM	15	0	20.43	20.44	20.41		
3	256QAM	1	0	18.63	18.57	18.61	20.5	5
3	256QAM	1	8	18.59	18.62	18.58		
3	256QAM	1	14	18.72	18.65	18.71		
3	256QAM	8	0	18.55	18.51	18.55	20.5	5
3	256QAM	8	4	18.48	18.53	18.55		
3	256QAM	8	7	18.59	18.50	18.56		
3	256QAM	15	0	18.48	18.46	18.47		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	23.55	23.62	23.55	25.5	0
1.4	QPSK	1	3	23.58	23.61	23.62		
1.4	QPSK	1	5	23.56	23.59	23.57		
1.4	QPSK	3	0	23.49	23.50	23.52		
1.4	QPSK	3	1	23.51	23.54	23.61		
1.4	QPSK	3	3	23.46	23.56	23.52		
1.4	QPSK	6	0	22.59	22.51	22.48	24.5	1
1.4	16QAM	1	0	22.78	22.76	22.74	24.5	1
1.4	16QAM	1	3	22.83	22.77	22.85		
1.4	16QAM	1	5	22.81	22.84	22.81		
1.4	16QAM	3	0	22.73	22.66	22.69		
1.4	16QAM	3	1	22.78	22.65	22.73		
1.4	16QAM	3	3	22.72	22.72	22.75		
1.4	16QAM	6	0	21.46	21.46	21.50	23.5	2
1.4	64QAM	1	0	21.70	21.64	21.68	23.5	2
1.4	64QAM	1	3	21.63	21.67	21.66		
1.4	64QAM	1	5	21.64	21.60	21.62		
1.4	64QAM	3	0	21.69	21.54	21.59		
1.4	64QAM	3	1	21.58	21.55	21.60		
1.4	64QAM	3	3	21.54	21.50	21.57		
1.4	64QAM	6	0	20.50	20.43	20.43	22.5	3
1.4	256QAM	1	0	18.57	18.64	18.63	20.5	5
1.4	256QAM	1	3	18.54	18.56	18.58		
1.4	256QAM	1	5	18.74	18.75	18.66		
1.4	256QAM	3	0	18.53	18.52	18.56		
1.4	256QAM	3	1	18.53	18.50	18.52		
1.4	256QAM	3	3	18.59	18.57	18.58		
1.4	256QAM	6	0	18.41	18.49	18.48	20.5	5

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.66	24.65	24.5	1
10	QPSK	1	25	24.62	24.63	24.60	25.5	0
10	QPSK	1	49	24.53	24.58	24.47	24.5	1
10	QPSK	25	0	23.61	23.65	23.64		
10	QPSK	25	12	23.58	23.57	23.57		
10	QPSK	25	25	23.53	23.57	23.53		
10	QPSK	50	0	23.59	23.60	23.58		
10	16QAM	1	0	23.77	23.85	23.77		
10	16QAM	1	25	23.71	23.76	23.58	24.5	1
10	16QAM	1	49	23.59	23.77	23.59		
10	16QAM	25	0	22.45	22.59	22.52		
10	16QAM	25	12	22.48	22.63	22.45	23.5	2
10	16QAM	25	25	22.38	22.57	22.55		
10	16QAM	50	0	22.42	22.59	22.43		
10	64QAM	1	0	22.74	22.81	22.66		
10	64QAM	1	25	22.67	22.72	22.63	23.5	2
10	64QAM	1	49	22.59	22.67	22.55		
10	64QAM	25	0	21.47	21.58	21.57		
10	64QAM	25	12	21.59	21.68	21.57	22.5	3
10	64QAM	25	25	21.37	21.57	21.51		
10	64QAM	50	0	21.55	21.58	21.52		
10	256QAM	1	0	19.47	19.58	19.38		
10	256QAM	1	25	19.36	19.51	19.45	20.5	5
10	256QAM	1	49	19.35	19.52	19.46		
10	256QAM	25	0	19.42	19.49	19.35		
10	256QAM	25	12	19.51	19.57	19.38	20.5	5
10	256QAM	25	25	19.42	19.49	19.37		
10	256QAM	50	0	19.31	19.50	19.48		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.56	24.62	24.52	25.5	0
5	QPSK	1	12	24.56	24.41	24.56		
5	QPSK	1	24	24.32	24.50	24.31		
5	QPSK	12	0	23.47	23.45	23.35	24.5	1
5	QPSK	12	7	23.41	23.28	23.33		
5	QPSK	12	13	23.31	23.36	23.39		
5	QPSK	25	0	23.30	23.40	23.34		
5	16QAM	1	0	23.64	23.52	23.46		
5	16QAM	1	12	23.55	23.57	23.36	24.5	1
5	16QAM	1	24	23.27	23.63	23.32		
5	16QAM	12	0	22.15	22.28	22.24		
5	16QAM	12	7	22.34	22.47	22.19	23.5	2
5	16QAM	12	13	22.17	22.32	22.23		
5	16QAM	25	0	22.23	22.35	22.21		
5	64QAM	1	0	22.41	22.53	22.46		
5	64QAM	1	12	22.49	22.56	22.31	23.5	2
5	64QAM	1	24	22.42	22.46	22.26		
5	64QAM	12	0	21.31	21.40	21.32		
5	64QAM	12	7	21.32	21.52	21.25	22.5	3
5	64QAM	12	13	21.14	21.34	21.22		
5	64QAM	25	0	21.24	21.31	21.36		
5	256QAM	1	0	19.18	19.44	19.08		
5	256QAM	1	12	19.14	19.35	19.23	20.5	5
5	256QAM	1	24	19.21	19.33	19.20		
5	256QAM	12	0	19.16	19.21	19.16		
5	256QAM	12	7	19.22	19.44	19.18	20.5	5
5	256QAM	12	13	19.14	19.21	19.06		
5	256QAM	25	0	19.05	19.23	19.32		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.80	23.85	23.83		
10	QPSK	1	25	23.79	23.78	23.77	25.5	0
10	QPSK	1	49	23.57	23.74	23.62		
10	QPSK	25	0	22.69	22.73	22.71		
10	QPSK	25	12	22.66	22.67	22.68	24.5	1
10	QPSK	25	25	22.58	22.68	22.68		
10	QPSK	50	0	22.65	22.69	22.65		
10	16QAM	1	0	22.92	22.93	22.82		
10	16QAM	1	25	22.87	22.85	22.70	24.5	1
10	16QAM	1	49	22.78	22.83	22.65		
10	16QAM	25	0	21.64	21.65	21.61		
10	16QAM	25	12	21.67	21.69	21.59	23.5	2
10	16QAM	25	25	21.63	21.63	21.63		
10	16QAM	50	0	21.62	21.61	21.60		
10	64QAM	1	0	21.78	21.89	21.70		
10	64QAM	1	25	21.74	21.80	21.65	23.5	2
10	64QAM	1	49	21.63	21.77	21.57		
10	64QAM	25	0	20.61	20.63	20.55		
10	64QAM	25	12	20.64	20.73	20.68	22.5	3
10	64QAM	25	25	20.74	20.76	20.59		
10	64QAM	50	0	20.60	20.91	20.76		
10	256QAM	1	0	18.62	18.87	18.56		
10	256QAM	1	25	18.50	18.60	18.60	20.5	5
10	256QAM	1	49	18.61	18.61	18.50		
10	256QAM	25	0	18.57	18.58	18.58		
10	256QAM	25	12	18.50	18.65	18.65	20.5	5
10	256QAM	25	25	18.52	18.55	18.56		
10	256QAM	50	0	18.54	18.57	18.57		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.75	23.75		
5	QPSK	1	12	23.72	23.67	23.75	25.5	0
5	QPSK	1	24	23.50	23.72	23.56		
5	QPSK	12	0	22.57	22.62	22.62		
5	QPSK	12	7	22.57	22.65	22.56	24.5	1
5	QPSK	12	13	22.53	22.66	22.56		
5	QPSK	25	0	22.55	22.62	22.63		
5	16QAM	1	0	22.66	22.81	22.77		
5	16QAM	1	12	22.57	22.77	22.66	24.5	1
5	16QAM	1	24	22.76	22.78	22.61		
5	16QAM	12	0	21.58	21.59	21.64		
5	16QAM	12	7	21.60	21.61	21.53	23.5	2
5	16QAM	12	13	21.58	21.53	21.60		
5	16QAM	25	0	21.53	21.54	21.56		
5	64QAM	1	0	21.67	21.82	21.65		
5	64QAM	1	12	21.72	21.78	21.59	23.5	2
5	64QAM	1	24	21.55	21.68	21.54		
5	64QAM	12	0	20.64	20.60	20.50		
5	64QAM	12	7	20.52	20.71	20.56	22.5	3
5	64QAM	12	13	20.67	20.66	20.52		
5	64QAM	25	0	20.52	20.86	20.69		
5	256QAM	1	0	18.59	18.65	18.54		
5	256QAM	1	12	18.58	18.64	18.50	20.5	5
5	256QAM	1	24	18.51	18.64	18.54		
5	256QAM	12	0	18.63	18.62	18.52		
5	256QAM	12	7	18.53	18.58	18.55	20.5	5
5	256QAM	12	13	18.63	18.61	18.64		
5	256QAM	25	0	18.59	18.50	18.52		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61		
15	QPSK	36	20	23.60	23.62	23.66	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.71	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.56	21.72	21.71		
15	256QAM	1	0	19.60	19.62	19.60		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.58		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.83	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.58	23.58		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.64	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77		
10	64QAM	1	25	22.62	22.71	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.76		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.58		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.48	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.82	22.83	22.87		
5	64QAM	1	12	22.87	22.87	22.85	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.52		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.69	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.48	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.50	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.89	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.67	22.68	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.71	23.82	23.78		
15	QPSK	1	37	23.68	23.75	23.76	25.5	0
15	QPSK	1	74	23.64	23.71	23.71		
15	QPSK	36	0	22.65	22.81	22.78		
15	QPSK	36	20	22.56	22.67	22.71		
15	QPSK	36	39	22.59	22.73	22.69	24.5	1
15	QPSK	75	0	22.62	22.74	22.70		
15	16QAM	1	0	22.79	22.89	22.99		
15	16QAM	1	37	22.86	22.96	23.01	24.5	1
15	16QAM	1	74	22.90	22.97	23.00		
15	16QAM	36	0	21.58	21.64	21.80		
15	16QAM	36	20	21.63	21.67	21.76	23.5	2
15	16QAM	36	39	21.59	21.69	21.72		
15	16QAM	75	0	21.58	21.68	21.76		
15	64QAM	1	0	21.66	21.74	21.83		
15	64QAM	1	37	21.76	21.86	21.89	23.5	2
15	64QAM	1	74	21.77	21.86	21.88		
15	64QAM	36	0	20.55	20.66	20.72		
15	64QAM	36	20	20.62	20.65	20.76	22.5	3
15	64QAM	36	39	20.64	20.71	20.69		
15	64QAM	75	0	20.55	20.73	20.73		
15	256QAM	1	0	18.68	18.74	18.65		
15	256QAM	1	37	18.70	18.75	18.72	20.5	5
15	256QAM	1	74	18.68	18.75	18.64		
15	256QAM	36	0	18.59	18.68	18.68		
15	256QAM	36	20	18.52	18.62	18.58	20.5	5
15	256QAM	36	39	18.51	18.60	18.53		
15	256QAM	75	0	18.53	18.62	18.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.70	23.75	23.66		
10	QPSK	1	25	23.56	23.66	23.74	25.5	0
10	QPSK	1	49	23.54	23.69	23.62		
10	QPSK	25	0	22.58	22.72	22.75		
10	QPSK	25	12	22.87	22.58	22.59	24.5	1
10	QPSK	25	25	22.53	22.63	22.66		
10	QPSK	50	0	22.56	22.72	22.63		
10	16QAM	1	0	22.68	22.82	22.92		
10	16QAM	1	25	22.76	22.91	22.96	24.5	1
10	16QAM	1	49	22.81	22.85	22.97		
10	16QAM	25	0	21.53	21.60	21.77		
10	16QAM	25	12	21.62	21.59	21.74	23.5	2
10	16QAM	25	25	21.57	21.65	21.69		
10	16QAM	50	0	21.86	21.65	21.71		
10	64QAM	1	0	21.64	21.64	21.78		
10	64QAM	1	25	21.68	21.74	21.77	23.5	2
10	64QAM	1	49	21.68	21.81	21.81		
10	64QAM	25	0	20.86	20.59	20.61		
10	64QAM	25	12	20.50	20.58	20.71	22.5	3
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.86	20.57	20.65		
10	256QAM	1	0	18.65	18.64	18.55		
10	256QAM	1	25	18.60	18.69	18.60	20.5	5
10	256QAM	1	49	18.63	18.64	18.59		
10	256QAM	25	0	18.56	18.57	18.62		
10	256QAM	25	12	18.83	18.56	18.52	20.5	5
10	256QAM	25	25	18.85	18.88	18.50		
10	256QAM	50	0	18.87	18.55	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.69	23.71	23.67		
5	QPSK	1	12	23.63	23.67	23.71	25.5	0
5	QPSK	1	24	23.58	23.64	23.60		
5	QPSK	12	0	22.61	22.77	22.68		
5	QPSK	12	7	22.85	22.61	22.69	24.5	1
5	QPSK	12	13	22.88	22.70	22.63		
5	QPSK	25	0	22.56	22.62	22.68		
5	16QAM	1	0	22.72	22.77	22.96		
5	16QAM	1	12	22.75	22.88	23.00	24.5	1
5	16QAM	1	24	22.81	22.94	22.96		
5	16QAM	12	0	21.50	21.55	21.69		
5	16QAM	12	7	21.56	21.60	21.72	23.5	2
5	16QAM	12	13	21.87	21.67	21.62		
5	16QAM	25	0	21.53	21.62	21.73		
5	64QAM	1	0	21.64	21.72	21.71		
5	64QAM	1	12	21.72	21.84	21.87	23.5	2
5	64QAM	1	24	21.69	21.85	21.83		
5	64QAM	12	0	20.50	20.59	20.61		
5	64QAM	12	7	20.57	20.59	20.75	22.5	3
5	64QAM	12	13	20.57	20.66	20.67		
5	64QAM	25	0	20.84	20.57	20.61		
5	256QAM	1	0	18.65	18.73	18.53		
5	256QAM	1	12	18.65	18.69	18.66	20.5	5
5	256QAM	1	24	18.60	18.74	18.53		
5	256QAM	12	0	18.87	18.60	18.57		
5	256QAM	12	7	18.51	18.58	18.86	20.5	5
5	256QAM	12	13	18.89	18.59	18.84		
5	256QAM	25	0	18.83	18.50	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.64	23.73	23.68		
3	QPSK	1	8	23.66	23.66	23.64	25.5	0
3	QPSK	1	14	23.55	23.61	23.67		
3	QPSK	8	0	22.63	22.76	22.74		
3	QPSK	8	4	22.54	22.64	22.63	24.5	1
3	QPSK	8	7	22.52	22.70	22.58		
3	QPSK	15	0	22.60	22.64	22.61		
3	16QAM	1	0	22.67	22.77	22.95		
3	16QAM	1	8	22.83	22.95	22.95

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.54	22.71	22.68		
20	QPSK	1	49	22.47	22.64	22.66	24	0
20	QPSK	1	99	22.53	22.63	22.53		
20	QPSK	50	0	21.63	21.77	21.66		
20	QPSK	50	24	21.53	21.65	21.61	23	1
20	QPSK	50	50	21.48	21.64	21.61		
20	QPSK	100	0	21.51	21.67	21.65		
20	16QAM	1	0	21.68	21.93	21.95		
20	16QAM	1	49	21.79	21.88	21.89	23	1
20	16QAM	1	99	21.77	21.80	21.75		
20	16QAM	50	0	20.51	20.62	20.75		
20	16QAM	50	24	20.55	20.62	20.65		
20	16QAM	50	50	20.54	20.61	20.58	22	2
20	16QAM	100	0	20.54	20.62	20.63		
20	64QAM	1	0	20.57	20.76	20.79		
20	64QAM	1	49	20.67	20.72	20.73	22	2
20	64QAM	1	99	20.61	20.68	20.58		
20	64QAM	50	0	19.48	19.67	19.80		
20	64QAM	50	24	19.52	19.68	19.65	21	3
20	64QAM	50	50	19.60	19.64	19.62		
20	64QAM	100	0	19.54	19.68	19.68		
20	256QAM	1	0	17.37	17.47	17.38		
20	256QAM	1	49	17.48	17.54	17.49	19	5
20	256QAM	1	99	17.48	17.51	17.47		
20	256QAM	50	0	17.38	17.41	17.37		
20	256QAM	50	24	17.37	17.48	17.36	19	5
20	256QAM	50	50	17.34	17.46	17.44		
20	256QAM	100	0	17.29	17.38	17.26		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.52	22.59	22.59	24	0
15	QPSK	1	37	22.41	22.62	22.59		
15	QPSK	1	74	22.47	22.56	22.46		
15	QPSK	36	0	21.58	21.72	21.61		
15	QPSK	36	20	21.50	21.54	21.57	23	1
15	QPSK	36	39	21.46	21.60	21.50		
15	QPSK	75	0	21.45	21.55	21.53		
15	QPSK	75	37	21.63	21.82	21.94		
15	16QAM	1	0	21.75	21.78	21.82	23	1
15	16QAM	1	37	21.76	21.76	21.87		
15	16QAM	1	74	20.47	20.54	20.69		
15	16QAM	36	0	20.44	20.52	20.63	22	2
15	16QAM	36	20	20.59	20.59	20.54		
15	16QAM	36	39	20.47	20.60	20.58		
15	16QAM	75	0	20.55	20.71	20.68		
15	64QAM	1	0	20.65	20.66	20.64	22	2
15	64QAM	1	37	20.58	20.59	20.49		
15	64QAM	1	74	19.38	19.60	19.71		
15	64QAM	36	0	19.46	19.59	19.61	21	3
15	64QAM	36	20	19.51	19.55	19.56		
15	64QAM	36	39	19.46	19.57	19.58		
15	64QAM	75	0	17.30	17.43	17.33		
15	256QAM	1	0	17.44	17.50	17.42	19	5
15	256QAM	1	37	17.47	17.43	17.43		
15	256QAM	1	74	17.32	17.40	17.29		
15	256QAM	36	0	17.36	17.46	17.35	19	5
15	256QAM	36	20	17.32	17.36	17.32		
15	256QAM	36	39	17.26	17.36	17.32		
15	256QAM	75	0	17.28	17.30	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.62	22.67	22.60		
10	QPSK	1	25	22.47	22.63	22.66	24	0
10	QPSK	1	49	22.51	22.66	22.55		
10	QPSK	25	0	21.60	21.77	21.70		
10	QPSK	25	12	21.51	21.57	21.64	23	1
10	QPSK	25	25	21.58	21.64	21.54		
10	QPSK	50	0	21.57	21.61	21.65		
10	16QAM	1	0	21.65	21.83	22.04		
10	16QAM	1	25	21.78	21.81	21.84	23	1
10	16QAM	1	49	21.81	21.81	21.69		
10	16QAM	25	0	20.57	20.64	20.81		
10	16QAM	25	12	20.58	20.63	20.65	22	2
10	16QAM	25	25	20.69	20.64	20.58		
10	16QAM	50	0	20.53	20.68	20.67		
10	64QAM	1	0	20.59	20.76	20.72		
10	64QAM	1	25	20.73	20.77	20.68	22	2
10	64QAM	1	49	20.70	20.70	20.59		
10	64QAM	25	0	19.40	19.62	19.83		
10	64QAM	25	12	19.58	19.61	19.63	21	3
10	64QAM	25	25	19.61	19.56	19.62		
10	64QAM	50	0	19.48	19.63	19.65		
10	256QAM	1	0	17.33	17.46	17.37		
10	256QAM	1	25	17.52	17.61	17.50	19	5
10	256QAM	1	49	17.52	17.50	17.50		
10	256QAM	25	0	17.33	17.42	17.40		
10	256QAM	25	12	17.38	17.51	17.44	19	5
10	256QAM	25	25	17.36	17.40	17.42		
10	256QAM	50	0	17.35	17.33	17.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.46	22.47	22.54		
5	QPSK	1	12	22.29	22.54	22.58	24	0
5	QPSK	1	24	22.42	22.52	22.38		
5	QPSK	12	0	21.59	21.55	21.64		
5	QPSK	12	7	21.45	21.43	21.53	23	1
5	QPSK	12	13	21.36	21.56	21.44		
5	QPSK	25	0	21.39	21.51	21.43		
5	16QAM	1	0	21.52	21.70	21.84		
5	16QAM	1	12	21.70	21.71	21.80	23	1
5	16QAM	1	24	21.65	21.67	21.56		
5	16QAM	12	0	20.40	20.45	20.59		
5	16QAM	12	7	20.36	20.45	20.61	22	2
5	16QAM	12	13	20.50	20.48	20.46		
5	16QAM	25	0	20.45	20.48	20.52		
5	64QAM	1	0	20.44	20.66	20.60		
5	64QAM	1	12	20.63	20.61	20.55	22	2
5	64QAM	1	24	20.53	20.53	20.47		
5	64QAM	12	0	19.37	19.54	19.62		
5	64QAM	12	7	19.35	19.52	19.55	21	3
5	64QAM	12	13	19.39	19.46	19.52		
5	64QAM	25	0	19.43	19.54	19.56		
5	256QAM	1	0	17.26	17.32	17.28		
5	256QAM	1	12	17.32	17.49	17.35	19	5
5	256QAM	1	24	17.41	17.38	17.36		
5	256QAM	12	0	17.30	17.36	17.17		
5	256QAM	12	7	17.24	17.41	17.33	19	5
5	256QAM	12	13	17.18	17.29	17.20		
5	256QAM	25	0	17.25	17.35	17.15		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.45	22.53	22.47		
3	QPSK	1	8	22.35	22.55	22.50	24	0
3	QPSK	1	14	22.37	22.54	22.36		
3	QPSK	8	0	21.46	21.64	21.49		
3	QPSK	8	4	21.45	21.52	21.46	23	1
3	QPSK	8	7	21.40	21.50	21.46		
3	QPSK	15	0	21.35	21.45	21.49		
3	16QAM	1	0	21.59	21.80	21.84		
3	16QAM	1	8	21.63	21.74	21.78	23	1
3	16QAM	1	14	21.73	21.66	21.65		
3	16QAM	8	0	20.45	20.63	20.67		
3	16QAM	8	4	20.36	20.44	20.60	22	2
3	16QAM	8	7	20.50	20.55	20.45		
3	16QAM	15	0	20.42	20.56	20.50		
3	64QAM	1	0	20.46	20.64	20.65		
3	64QAM	1	8	20.67	20.56	20.52	22	2
3	64QAM	1	14	20.49	20.50	20.42		
3	64QAM	8	0	19.30	19.49	19.67		
3	64QAM	8	4	19.34	19.47	19.50	21	3
3	64QAM	8	7	19.47	19.44	19.53		
3	64QAM	15	0	19.36	19.58	19.53		
3	256QAM	1	0	17.26	17.31	17.27		
3	256QAM	1	8	17.41	17.46	17.40	19	5
3	256QAM	1	14	17.40	17.42	17.41		
3	256QAM	8	0	17.30	17.34	17.27		
3	256QAM	8	4	17.27	17.42	17.27	19	5
3	256QAM	8	7	17.15	17.26	17.20		
3	256QAM	15	0	17.16	17.25	17.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.51	22.57	22.56		
1.4	QPSK	1	3	22.32	22.54	22.58		
1.4	QPSK	1	5	22.46	22.48	22.44	24	0
1.4	QPSK	3	0	22.49	22.47	22.48		
1.4	QPSK	3	1	22.26	22.53	22.49		
1.4	QPSK	3	3	22.36	22.36	22.36		
1.4	QPSK	6	0	21.44	21.53	21.43	23	1
1.4	16QAM	1	0	21.55	21.74	21.91		
1.4	16QAM	1	3	21.69	21.76	21.75		
1.4	16QAM	1	5	21.74	21.72	21.64	23	1
1.4	16QAM	3	0	21.53	21.66	21.90		
1.4	16QAM	3	1	21.61	21.74	21.68		
1.4	16QAM	3	3	21.67	21.69	21.59		
1.4	16QAM	6	0	20.44	20.55	20.50	22	2
1.4	64QAM	1	0	20.48	20.63	20.63		
1.4	64QAM	1	3	20.60	20.56	20.61		
1.4	64QAM	1	5	20.54	20.54	20.43	22	2
1.4	64QAM	3	0	20.44	20.52	20.52		
1.4	64QAM	3	1	20.54	20.52	20.50		
1.4	64QAM	3	3	20.50	20.50	20.33		
1.4	64QAM	6	0	19.34	19.55	19.50	21	3
1.4	256QAM	1	0	17.20	17.37	17.31		
1.4	256QAM	1	3	17.38	17.40	17.38		
1.4	256QAM	1	5	17.39	17.42	17.31	19	5
1.4	256QAM	3	0	17.26	17.29	17.28		
1.4	256QAM	3	1	17.28	17.34	17.30		
1.4	256QAM	3	3	17.23	17.29	17.27		
1.4	256QAM	6	0	17.22	17.20	17.11	19	5

Band 66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.96	24.14	24.12		
20	QPSK	1	49	23.95	24.10	24.06	25.5	0
20	QPSK	1	99	23.85	24.03	23.88		
20	QPSK	50	0	23.02	23.12	23.09		
20	QPSK	50	24	22.98	23.05	23.06	24.5	1
20	QPSK	50	50	22.96	23.02	22.97		
20	QPSK	100	0	22.92	23.06	23.04		
20	16QAM	1	0	23.09	23.30	23.27		
20	16QAM	1	49	23.22	23.28	23.26	24.5	1
20	16QAM	1	99	23.20	23.13	23.10		
20	16QAM	50	0	21.93	22.02	22.12		
20	16QAM	50	24	22.00	22.01	22.07	23.5	2
20	16QAM	50	50	22.02	22.05	21.96		
20	16QAM	100	0	21.96	22.01	22.03		
20	64QAM	1	0	22.00	22.20	22.20		
20	64QAM	1	49	22.05	22.16	22.11	23.5	2
20	64QAM	1	99	22.04	22.20	21.96		
20	64QAM	50	0	20.92	21.06	21.15		
20	64QAM	50	24	20.99	21.06	21.03	22.5	3
20	64QAM	50	50	21.02	21.04	20.98		
20	64QAM	100	0	20.97	21.05	21.07		
20	256QAM	1	0	18.65	18.76	18.66		
20	256QAM	1	49	18.68	18.75	18.73	20.5	5
20	256QAM	1	99	18.73	18.74	18.73		
20	256QAM	50	0	18.64	18.66	18.63		
20	256QAM	50	24	18.63	18.65	18.61	20.5	5
20	256QAM	50	50	18.65	18.66	18.58		
20	256QAM	100	0	18.53	18.64	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.92	24.02	24.10		
15	QPSK	1	37	23.84	24.08	23.97	25.5	0
15	QPSK	1	74	23.73	23.99	23.78		
15	QPSK	36	0	22.85	23.04	23.00		
15	QPSK	36	20	22.91	23.02	22.99	24.5	1
15	QPSK	36	39	22.91	22.99	22.93		
15	QPSK	75	0	22.90	22.98	22.99		
15	QPSK	75	37	23.05	23.11	23.19		
15	16QAM	1	0	23.16	23.23	23.21	24.5	1
15	16QAM	1	37	23.09	23.03	22.98		
15	16QAM	1	74	21.81	22.01	22.01		
15	16QAM	36	0	21.89	21.91	22.01	23.5	2
15	16QAM	36	20	21.89	21.89	21.93		
15	16QAM	36	39	21.88	21.95	22.00		
15	16QAM	75	0	21.91	22.19	22.18		
15	64QAM	1	0	21.99	22.14	21.99	23.5	2
15	64QAM	1	37	21.94	21.97	21.96		
15	64QAM	1	74	20.87	21.04	21.03		
15	64QAM	36	0	20.87	20.98	21.01	22.5	3
15	64QAM	36	20	20.98	20.98	20.91		
15	64QAM	36	39	20.87	20.95	21.05		
15	64QAM	75	0	18.61	18.65	18.55		
15	256QAM	1	0	18.58	18.65	18.68	20.5	5
15	256QAM	1	37	18.72	18.66	18.67		
15	256QAM	1	74	18.57	18.63	18.52		
15	256QAM	36	0	18.52	18.53	18.54	20.5	5
15	256QAM	36	20	18.64	18.61	18.66		
15	256QAM	36	39	18.69	18.63	18.50		
15	256QAM	75	0	18.69	18.63	18.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.95	24.08	24.08		
10	QPSK	1	25	23.88	24.00	24.03	25.5	0
10	QPSK	1	49	23.78	24.02	23.85		
10	QPSK	25	0	22.86	23.11	23.08		
10	QPSK	25	12	22.86	22.96	22.97	24.5	1
10	QPSK	25	25	22.86	23.01	22.85		
10	QPSK	50	0	22.88	22.97	22.99		
10	16QAM	1	0	23.10	23.30	23.24		
10	16QAM	1	25	23.19	23.14	23.23	24.5	1
10	16QAM	1	49	23.11	23.09	23.01		
10	16QAM	25	0	21.89	21.94	22.05		
10	16QAM	25	12	21.97	21.99	22.05	23.5	2
10	16QAM	25	25	21.98	21.97	21.93		
10	16QAM	50	0	21.93	21.92	22.02		
10	64QAM	1	0	21.92	22.10	22.17		
10	64QAM	1	25	21.95	22.07	22.09	23.5	2
10	64QAM	1	49	21.98	22.00	21.89		
10	64QAM	25	0	20.80	20.96	21.04		
10	64QAM	25	12	20.93	20.96	21.01	22.5	3
10	64QAM	25	25	20.86	20.93	20.93		
10	64QAM	50	0	20.84	20.96	20.99		
10	256QAM	1	0	18.58	18.67	18.54		
10	256QAM	1	25	18.57	18.64	18.72	20.5	5
10	256QAM	1	49	18.64	18.68	18.65		
10	256QAM	25	0	18.61	18.57	18.61		
10	256QAM	25	12	18.55	18.63	18.56	20.5	5
10	256QAM	25	25	18.58	18.58	18.52		
10	256QAM	50	0	18.60	18.58	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	24.07	24.02		
5	QPSK	1	12	23.84	24.09	24.02	25.5	0
5	QPSK	1	24	23.83	24.01	23.81		
5	QPSK	12	0	22.91	23.09	23.08		
5	QPSK	12	7	22.87	23.00	22.95	24.5	1
5	QPSK	12	13	22.90	22.99	22.88		
5	QPSK	25	0	22.80	23.03	22.97		
5	16QAM	1	0	23.12	23.31	23.17		
5	16QAM	1	12	23.17	23.18	23.20	24.5	1
5	16QAM	1	24	23.13	23.04	23.03		
5	16QAM	12	0	21.85	21.92	22.10		
5	16QAM	12	7	21.92	21.97	22.05	23.5	2
5	16QAM	12	13	21.99	21.99	21.86		
5	16QAM	25	0	21.95	21.95	21.97		
5	64QAM	1	0	21.94	22.16	22.08		
5	64QAM	1	12	22.00	22.04	22.02	23.5	2
5	64QAM	1	24	22.00	21.93	21.90		
5	64QAM	12	0	20.88	20.98	21.12		
5	64QAM	12	7	20.92	21.01	21.01	22.5	3
5	64QAM	12	13	20.96	20.96	20.95		
5	64QAM	25	0	20.87	20.95	21.05		
5	256QAM	1	0	18.54	18.74	18.58		
5	256QAM	1	12	18.59	18.64	18.69	20.5	5
5	256QAM	1	24	18.71	18.66	18.62		
5	256QAM	12	0	18.57	18.66	18.54		
5	256QAM	12	7	18.52	18.63	18.55	20.5	5
5	256QAM	12	13	18.58	18.60	18.56		
5	256QAM	25	0	18.62	18.66	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.13	24.03		
3	QPSK	1	8	23.91	24.06	24.03	25.5	0
3	QPSK	1	14	23.90	23.99	23.77		
3	QPSK	8	0	22.99	23.11	23.04		
3	QPSK	8	4	22.90	22.98	22.96	24.5	1
3	QPSK	8	7	22.95	22.97	22.86		
3	QPSK	15	0	22.83	23.04	22.98		
3	16QAM	1	0	22.99	23.20	23.18		
3	16QAM	1	8	23.11	23.21	23.18	24.5	1
3	16QAM	1	14	23.12	23.03	23.03		
3	16QAM	8	0	21.93	21.93	22.06		
3	16QAM	8	4	21.96	21.96	21.96	23.5	2
3	16QAM	8	7	21.98	21.96	21.94		
3	16QAM	15	0	21.95	21.90	21.94		
3	64QAM	1	0	21.94	22.14	22.17		
3	64QAM	1	8	21.97	22.02	22.09	23.5	2
3	64QAM	1	14	21.97	22.00	21.90		
3	64QAM	8	0	20.81	21.03	21.13		
3	64QAM	8	4	20.88	21.05	20.97	22.5	3
3	64QAM	8	7	20.94	20.96	20.86		
3	64QAM	15	0	20.94	21.01	20.98		
3	256QAM	1	0	18.57	18.74	18.56		
3	256QAM	1	8	18.66	18.63	18.68	20.5	5
3	256QAM	1	14	18.61	18.59	18.72		
3	256QAM	8	0	18.64	18.65	18.61		
3	256QAM	8	4	18.51	18.55	18.55	20.5	5
3	256QAM	8	7	18.61	18.59	18.68		
3	256QAM	15	0	18.61	18.59	18.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.90	24.02	24.09		
1.4	QPSK	1	3	23.84	24.00	23.94		
1.4	QPSK	1	5	23.87	23.93	23.77	25.5	0
1.4	QPSK	3	0	23.86	23.99	23.97		
1.4	QPSK	3	1	23.81	23.90	23.84		
1.4	QPSK	3	3	23.69	23.85	23.68		
1.4	QPSK	6	0	22.85	22.95	22.99	24.5	1
1.4	16QAM	1	0	23.04	23.21	23.16		
1.4	16QAM	1	3	23.18	23.17	23.19		
1.4	16QAM	1	5	23.09	23.03	22.99	24.5	1
1.4	16QAM	3	0	22.93	23.11	23.12		
1.4	16QAM	3	1	23.09	23.13	23.14		
1.4	16QAM	3	3	23.00	22.92	22.92		
1.4	16QAM	6	0	21.90	21.97	21.97	23.5	2
1.4	64QAM	1	0	22.02	22.20	22.10		
1.4	64QAM	1	3	22.02	22.05	22.06		
1.4	64QAM	1	5	21.98	21.93	21.89	23.5	2
1.4	64QAM	3	0	21.81	22.08	22.03		
1.4	64QAM	3	1	21.93	22.00	22.02		
1.4	64QAM	3	3	21.89	21.92	21.82		
1.4	64QAM	6	0	20.92	20.98	21.01	22.5	3
1.4	256QAM	1	0	18.59	18.72	18.60		
1.4	256QAM	1	3	18.64	18.73	18.63		
1.4	256QAM	1	5	18.69	18.65	18.69	20.5	5
1.4	256QAM	3	0	18.57	18.59	18.51		
1.4	256QAM	3	1	18.55	18.61	18.53		
1.4	256QAM	3	3	18.63	18.60	18.55		
1.4	256QAM	6	0	18.62	18.54	18.52	20.5	5

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11		
20	QPSK	1	49	21.91	22.12	22.08	23.5	0
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15		
20	QPSK	50	24	20.88	21.11	21.14	22.5	1
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40		
20	16QAM	1	49	21.15	21.34	21.35	22.5	1
20	16QAM	1	99	21.19	21.20	21.26		
20	16QAM	50

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.61	23.63	23.60	24.5	0
20	QPSK	1	49	23.58	23.61	23.59		
20	QPSK	1	99	23.58	23.59	23.56		
20	QPSK	50	0	22.84	22.88	22.77	23.5	1
20	QPSK	50	24	22.83	22.78	22.73		
20	QPSK	50	50	22.81	22.79	22.71		
20	QPSK	100	0	22.75	22.85	22.73		
20	16QAM	1	0	22.92	22.80	22.76	23.5	1
20	16QAM	1	49	22.91	22.83	22.80		
20	16QAM	1	99	22.92	22.81	22.87		
20	16QAM	50	0	21.99	21.77	21.73	22.5	2
20	16QAM	50	24	21.81	21.78	21.74		
20	16QAM	50	50	21.88	21.78	21.80		
20	16QAM	100	0	21.84	21.73	21.73		
20	64QAM	1	0	21.58	21.48	21.37	22.5	2
20	64QAM	1	49	21.56	21.45	21.37		
20	64QAM	1	99	21.56	21.46	21.46		
20	64QAM	50	0	20.85	20.72	20.70	21.5	3
20	64QAM	50	24	20.85	20.74	20.72		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.83	20.72	20.72		
20	256QAM	1	0	18.08	18.09	18.06	19.5	5
20	256QAM	1	49	17.93	18.05	17.95		
20	256QAM	1	99	18.08	18.09	18.05		
20	256QAM	50	0	17.98	18.03	17.99	19.5	5
20	256QAM	50	24	17.97	18.05	17.93		
20	256QAM	50	50	17.96	18.01	17.98		
20	256QAM	100	0	17.83	17.95	17.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.49	23.59	23.59	24.5	0
15	QPSK	1	37	23.52	23.58	23.51		
15	QPSK	1	74	23.52	23.51	23.51		
15	QPSK	36	0	22.76	22.83	22.74	23.5	1
15	QPSK	36	20	22.82	22.71	22.61		
15	QPSK	36	39	22.74	22.73	22.64		
15	QPSK	75	0	22.63	22.83	22.69		
15	16QAM	1	0	22.80	22.74	22.72	23.5	1
15	16QAM	1	37	22.80	22.82	22.79		
15	16QAM	1	74	22.85	22.72	22.82		
15	16QAM	36	0	21.77	21.73	21.62	22.5	2
15	16QAM	36	20	21.78	21.68	21.63		
15	16QAM	36	39	21.79	21.74	21.77		
15	16QAM	75	0	21.82	21.65	21.66		
15	64QAM	1	0	21.49	21.37	21.35	22.5	2
15	64QAM	1	37	21.56	21.38	21.36		
15	64QAM	1	74	21.49	21.39	21.47		
15	64QAM	36	0	20.77	20.63	20.63	21.5	3
15	64QAM	36	20	20.74	20.67	20.68		
15	64QAM	36	39	20.76	20.73	20.71		
15	64QAM	75	0	20.79	20.70	20.67		
15	256QAM	1	0	18.04	18.08	18.06	19.5	5
15	256QAM	1	37	17.92	18.00	17.92		
15	256QAM	1	74	17.98	18.08	17.95		
15	256QAM	36	0	17.89	18.02	17.93	19.5	5
15	256QAM	36	20	17.92	18.04	17.83		
15	256QAM	36	39	17.95	17.98	17.87		
15	256QAM	75	0	17.80	17.85	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.53	23.52	23.70	24.5	0
10	QPSK	1	25	23.46	23.52	23.55		
10	QPSK	1	49	23.51	23.58	23.45		
10	QPSK	25	0	22.72	22.78	22.66	23.5	1
10	QPSK	25	12	22.71	22.77	22.69		
10	QPSK	25	25	22.77	22.78	22.66		
10	QPSK	50	0	22.65	22.84	22.63		
10	16QAM	1	0	22.91	22.78	22.66	23.5	1
10	16QAM	1	25	22.83	22.77	22.68		
10	16QAM	1	49	22.89	22.69	22.75		
10	16QAM	25	0	21.85	21.66	21.64	22.5	2
10	16QAM	25	12	21.71	21.69	21.62		
10	16QAM	25	25	21.73	21.75	21.68		
10	16QAM	50	0	21.72	21.68	21.61		
10	64QAM	1	0	21.53	21.44	21.25	22.5	2
10	64QAM	1	25	21.53	21.42	21.25		
10	64QAM	1	49	21.51	21.36	21.37		
10	64QAM	25	0	20.74	20.65	20.64	21.5	3
10	64QAM	25	12	20.76	20.71	20.70		
10	64QAM	25	25	20.74	20.70	20.71		
10	64QAM	50	0	20.81	20.62	20.65		
10	256QAM	1	0	17.97	18.00	18.07	19.5	5
10	256QAM	1	25	17.91	18.00	17.89		
10	256QAM	1	49	17.98	17.98	17.99		
10	256QAM	25	0	17.95	18.00	17.91	19.5	5
10	256QAM	25	12	17.90	17.93	17.81		
10	256QAM	25	25	17.89	17.94	17.87		
10	256QAM	50	0	17.82	17.86	17.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.49	23.53	23.54	24.5	0
5	QPSK	1	12	23.46	23.55	23.52		
5	QPSK	1	24	23.55	23.55	23.51		
5	QPSK	12	0	22.79	22.87	22.72	23.5	1
5	QPSK	12	7	22.72	22.71	22.65		
5	QPSK	12	13	22.75	22.75	22.59		
5	QPSK	25	0	22.71	22.84	22.65		
5	16QAM	1	0	22.86	22.71	22.74	23.5	1
5	16QAM	1	12	22.87	22.71	22.78		
5	16QAM	1	24	22.90	22.69	22.76		
5	16QAM	12	0	21.81	21.74	21.65	22.5	2
5	16QAM	12	7	21.70	21.74	21.70		
5	16QAM	12	13	21.81	21.72	21.71		
5	16QAM	25	0	21.62	21.61	21.68		
5	64QAM	1	0	21.55	21.36	21.33	22.5	2
5	64QAM	1	12	21.49	21.39	21.36		
5	64QAM	1	24	21.44	21.36	21.36		
5	64QAM	12	0	20.83	20.64	20.65	21.5	3
5	64QAM	12	7	20.83	20.63	20.70		
5	64QAM	12	13	20.73	20.69	20.73		
5	64QAM	25	0	20.82	20.65	20.66		
5	256QAM	1	0	17.98	18.04	17.97	19.5	5
5	256QAM	1	12	17.87	17.96	17.94		
5	256QAM	1	24	17.97	18.04	17.99		
5	256QAM	12	0	17.87	17.92	17.97	19.5	5
5	256QAM	12	7	17.92	17.97	17.84		
5	256QAM	12	13	17.89	17.93	17.89		
5	256QAM	25	0	17.81	17.92	17.72		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.82	24.88	24.85	25.7	0
20	QPSK	1	49	24.80	24.79	24.71		
20	QPSK	1	99	24.80	24.80	24.84		
20	QPSK	50	0	24.11	24.12	23.95	24.7	1
20	QPSK	50	24	24.06	23.95	23.91		
20	QPSK	50	50	23.96	23.97	23.80		
20	QPSK	100	0	23.99	24.07	23.89		
20	16QAM	1	0	24.15	24.03	23.94	24.7	1
20	16QAM	1	49	24.14	24.00	23.96		
20	16QAM	1	99	24.11	23.99	24.05		
20	16QAM	50	0	23.12	22.93	22.86	23.7	2
20	16QAM	50	24	23.05	22.95	22.92		
20	16QAM	50	50	23.09	22.97	22.96		
20	16QAM	100	0	23.09	22.95	22.88		
20	64QAM	1	0	22.83	22.65	22.54	23.7	2
20	64QAM	1	49	22.81	22.65	22.54		
20	64QAM	1	99	22.77	22.64	22.66		
20	64QAM	50	0	22.05	21.94	21.85	22.7	3
20	64QAM	50	24	22.04	21.93	21.90		
20	64QAM	50	50	22.08	21.94	21.91		
20	64QAM	100	0	22.07	21.92	21.87		
20	256QAM	1	0	19.58	19.62	19.60	20.7	5
20	256QAM	1	49	19.46	19.54	19.45		
20	256QAM	1	99	19.45	19.55	19.47		
20	256QAM	50	0	19.47	19.57	19.45	20.7	5
20	256QAM	50	24	19.55	19.56	19.55		
20	256QAM	50	50	19.48	19.49	19.43		
20	256QAM	100	0	19.45	19.50	19.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.75	24.80	24.82	25.7	0
15	QPSK	1	37	24.74	24.67	24.63		
15	QPSK	1	74	24.71	24.71	24.76		
15	QPSK	36	0	24.10	24.03	23.87	24.7	1
15	QPSK	36	20	23.94	23.85	23.81		
15	QPSK	36	39	23.85	23.92	23.77		
15	QPSK	75	0	23.92	24.05	23.82		
15	16QAM	1	0	24.12	23.95	23.82	24.7	1
15	16QAM	1	37	24.11	23.98	23.91		
15	16QAM	1	74	24.06	23.95	23.96		
15	16QAM	36	0	23.00	22.93	22.78	23.7	2
15	16QAM	36	20	22.99	22.93	22.90		
15	16QAM	36	39	22.97	22.95	22.89		
15	16QAM	75	0	23.00	22.94	22.76		
15	64QAM	1	0	22.71	22.57	22.43	23.7	2
15	64QAM	1	37	22.70	22.53	22.46		
15	64QAM	1	74	22.76	22.52	22.60		
15	64QAM	36	0	22.09	21.82	21.73	22.7	3
15	64QAM	36	20	22.00	21.91	21.86		
15	64QAM	36	39	21.99	21.94	21.83		
15	64QAM	75	0	22.02	21.83	21.78		
15	256QAM	1	0	19.57	19.57	19.57	20.7	5
15	256QAM	1	37	19.34	19.42	19.33		
15	256QAM	1	74	19.34	19.44	19.35		
15	256QAM	36	0	19.45	19.53	19.36	20.7	5
15	256QAM	36	20	19.44	19.44	19.47		
15	256QAM	36	39	19.43	19.43	19.38		
15	256QAM	75	0	19.33	19.42	19.41		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	24.70	24.80	24.75	25.7	0
10	QPSK	1	25	24.79	24.73	24.69		
10	QPSK	1	49	24.76	24.71	24.80		
10	QPSK	25	0	23.99	24.07	23.88	24.7	1
10	QPSK	25	12	23.98	23.93	23.81		
10	QPSK	25	25	23.89	23.85	23.81		
10	QPSK	50	0	23.91	23.99	23.88		
10	16QAM	1	0	24.08	24.00	23.92	24.7	1
10	16QAM	1	25	24.07	23.91	23.94		
10	16QAM	1	49	24.06	23.96	23.93		
10	16QAM	25	0	23.06	22.86	22.82	23.7	2
10	16QAM	25	13	22.99	22.94	22.88		
10	16QAM	25	25	22.98	22.93	22.86		
10	16QAM	50	0	23.00	22.86	22.77		
10	64QAM	1	0	22.80	22.59	22.49	23.7	2
10	64QAM	1	25	22.76	22.63	22.49		
10	64QAM	1	49	22.68	22.52	22.59		
10	64QAM	25	0	21.98	21.93	21.81	22.7	3
10	64QAM	25	12	22.01	21.87	21.80		
10	64QAM	25	25	22.04	21.92	21.84		
10	64QAM	50	0	22.01	21.88	21.83		
10	256QAM	1	0	19.53	19.50	19.56	20.7	5
10	256QAM	1	25	19.41	19.42	19.38		
10	256QAM	1	49	19.35	19.45	19.37		
10	256QAM	25	0	19.41	19.52	19.33	20.7	5
10	256QAM	25	12	19.46	19.45	19.46		
10	256QAM	25	25	19.47	19.37	19.37		
10	256QAM	50	0	19.41	19.46	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.76	24.80	24.82	25.7	0
5	QPSK	1	12	24.68	24.72	24.69		
5	QPSK	1	24	24.77	24.73	24.78		
5	QPSK	12	0	24.01	24.09	23.87	24.7	1
5	QPSK	12	7	24.05	23.86	23.87		
5	QPSK	12	13	23.94	23.90	23.81		
5	QPSK	25	0	23.91	24.04	23.86		
5	16QAM	1	0	24.07	23.92	23.88	24.7	1
5	16QAM	1	12	24.04	23.93	23.90		
5	16QAM	1	24	23.99	23.97	24.03		
5	16QAM	12	0	23.00	22.92	22.75	23.7	2
5	16QAM	12	7	22.94	22.88	22.82		
5	16QAM	12	13	23.01	22.90	22.90		
5	16QAM	25	0	23.08	22.89	22.78		
5	64QAM	1	0	22.75	22.54	22.52	23.7	2
5	64QAM	1	12	22.73	22.63	22.53		
5	64QAM	1	24	22.74	22.64	22.67		
5	64QAM	12	0	22.09	21.85	21.77	22.7	3
5	64QAM	12	7	22.02	21.82	21.87		
5	64QAM	12	13	21.99	21.89	21.82		
5	64QAM	25	0	22.00	21.88	21.79		
5	256QAM	1	0	19.50	19.56	19.52	20.7	5
5	256QAM	1	12	19.45	19.47	19.43		
5	256QAM	1	24	19.42	19.52	19.38		
5	256QAM	12	0	19.46	19.47	19.34	20.7	5
5	256QAM	12	7	19.52	19.51	19.50		
5	256QAM	12	13	19.41	19.44	19.41		
5	256QAM	25	0	19.36	19.43	19.37		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.67	23.68	23.63	24.5	0
20	QPSK	1	49	23.63	23.58	23.58		
20	QPSK	1	99	23.60	23.55	23.57		
20	QPSK	50	0	22.88	22.70	22.69	23.5	1
20	QPSK	50	24	22.65	22.68	22.61		
20	QPSK	50	50	22.66	22.67	22.64		
20	QPSK	100	0	22.72	22.78	22.73		
20	16QAM	1	0	22.80	22.74	22.74	23.5	1
20	16QAM	1	49	22.82	22.76	22.75		
20	16QAM	1	99	22.84	22.80	22.90		
20	16QAM	50	0	21.79	21.71	21.68	22.5	2
20	16QAM	50	24	21.75	21.74	21.74		
20	16QAM	50	50	21.80	21.74	21.77		
20	16QAM	100	0	21.79	21.71	21.72		
20	64QAM	1	0	21.49	21.41	21.36	22.5	2
20	64QAM	1	49	21.48	21.42	21.38		
20	64QAM	1	99	21.52	21.45	21.50		
20	64QAM	50	0	20.75	20.65	20.67	21.5	3
20	64QAM	50	24	20.73	20.72	20.73		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.75	20.71	20.70		
20	256QAM	1	0	17.89	17.96	17.88	19.5	5
20	256QAM	1	49	17.83	17.88	17.76		
20	256QAM	1	99	17.94	17.95	17.89		
20	256QAM	50	0	17.83	17.91	17.80	19.5	5
20	256QAM	50	24	17.82	17.85	17.73		
20	256QAM	50	50	17.81	17.83	17.80		
20	256QAM	100	0	17.80	17.83	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.63	23.53	24.5	0
15	QPSK	1	37	23.62	23.50	23.51		
15	QPSK	1	74	23.55	23.50	23.56		
15	QPSK	36	0	22.64	22.69	22.57	23.5	1
15	QPSK	36	20	22.60	22.61	22.51		
15	QPSK	36	39	22.60	22.64	22.60		
15	QPSK	75	0	22.61	22.75	22.69		
15	16QAM	1	0	22.69	22.73	22.73	23.5	1
15	16QAM	1	37	22.71	22.71	22.68		
15	16QAM	1	74	22.82	22.69	22.83		
15	16QAM	36	0	21.77	21.69	21.62	22.5	2
15	16QAM	36	20	21.64	21.70	21.69		
15	16QAM	36	39	21.75	21.72	21.72		
15	16QAM	75	0	21.77	21.64	21.71		
15	64QAM	1	0	21.44	21.33	21.31	22.5	2
15	64QAM	1	37	21.44	21.37	21.35		
15	64QAM	1	74	21.47	21.33	21.41		
15	64QAM	36	0	20.73	20.59	20.60	21.5	3
15	64QAM	36	20	20.69	20.65	20.62		
15	64QAM	36	39	20.69	20.72	20.65		
15	64QAM	75	0	20.66	20.64	20.65		
15	256QAM	1	0	17.77	17.89	17.77	19.5	5
15	256QAM	1	37	17.72	17.82	17.74		
15	256QAM	1	74	17.82	17.94	17.77		
15	256QAM	36	0	17.72	17.87	17.76	19.5	5
15	256QAM	36	20	17.72	17.84	17.72		
15	256QAM	36	39	17.72	17.79	17.78		
15	256QAM	75	0	17.71	17.78	17.66		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.58	23.68	23.62	24.5	0
10	QPSK	1	25	23.58	23.55	23.52		
10	QPSK	1	49	23.57	23.45	23.52		
10	QPSK	25	0	22.62	22.69	22.64	23.5	1
10	QPSK	25	12	22.64	22.62	22.52		
10	QPSK	25	25	22.56	22.57	22.55		
10	QPSK	50	0	22.60	22.67	22.69		
10	16QAM	1	0	22.74	22.64	22.65	23.5	1
10	16QAM	1	25	22.78	22.65	22.69		
10	16QAM	1	49	22.78	22.77	22.85		
10	16QAM	25	0	21.75	21.64	21.66	22.5	2
10	16QAM	25	12	21.73	21.71	21.70		
10	16QAM	25	25	21.72	21.63	21.76		
10	16QAM	50	0	21.77	21.63	21.69		
10	64QAM	1	0	21.39	21.29	21.27	22.5	2
10	64QAM	1	25	21.47	21.34	21.33		
10	64QAM	1	49	21.41	21.40	21.43		
10	64QAM	25	0	20.65	20.65	20.55	21.5	3
10	64QAM	25	12	20.72	20.60	20.64		
10	64QAM	25	25	20.79	20.72	20.74		
10	64QAM	50	0	20.67	20.61	20.68		
10	256QAM	1	0	17.78	17.84	17.84	19.5	5
10	256QAM	1	25	17.72	17.80	17.71		
10	256QAM	1	49	17.88	17.77	17.88		
10	256QAM	25	0	17.75	17.85	17.70	19.5	5
10	256QAM	25	12	17.80	17.81	17.64		
10	256QAM	25	25	17.72	17.82	17.73		
10	256QAM	50	0	17.72	17.77	17.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.61	23.51	24.5	0
5	QPSK	1	12	23.56	23.49	23.47		
5	QPSK	1	24	23.59	23.48	23.48		
5	QPSK	12	0	22.65	22.61	22.63	23.5	1
5	QPSK	12	7	22.57	22.63	22.51		
5	QPSK	12	13	22.58	22.57	22.56		
5	QPSK	25	0	22.63	22.68	22.70		
5	16QAM	1	0	22.68	22.69	22.62	23.5	1
5	16QAM	1	12	22.72	22.66	22.67		
5	16QAM	1	24	22.75	22.71	22.82		
5	16QAM	12	0	21.78	21.67	21.57	22.5	2
5	16QAM	12	7	21.69	21.62	21.73		
5	16QAM	12	13	21.75	21.67	21.73		
5	16QAM	25	0	21.76	21.68	21.62		
5	64QAM	1	0	21.43	21.37	21.29	22.5	2
5	64QAM	1	12	21.44	21.39	21.32		
5	64QAM	1	24	21.43	21.35	21.47		
5	64QAM	12	0	20.73	20.67	20.64	21.5	3
5	64QAM	12	7	20.64	20.64	20.64		
5	64QAM	12	13	20.70	20.62	20.68		
5	64QAM	25	0	20.64	20.66	20.61		
5	256QAM	1	0	17.82	17.90	17.79	19.5	5
5	256QAM	1	12	17.82	17.77	17.71		
5	256QAM	1	24	17.85	17.87	17.83		
5	256QAM	12	0	17.81	17.88	17.69	19.5	5
5	256QAM	12	7	17.75	17.81	17.64		
5	256QAM	12	13	17.78	17.80	17.68		
5	256QAM	25	0	17.79	17.79	17.63		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.07	25.12	25.05	25.7	0
20	QPSK	1	49	24.99	25.02	24.96		
20	QPSK	1	99	25.06	25.01	24.95		
20	QPSK	50	0	24.16	24.06	24.11	24.7	1
20	QPSK	50	24	23.96	24.07	23.97		
20	QPSK	50	50	23.90	23.90	23.84		
20	QPSK	100	0	23.94	23.97	23.92		
20	16QAM	1	0	24.06	24.05	23.95	24.7	1
20	16QAM	1	49	23.98	23.97	23.88		
20	16QAM	1	99	24.01	23.96	23.87		
20	16QAM	50

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.69	23.70	23.57	23.64	24.5	0
20	QPSK	1	49	23.62	23.53	23.66	23.56	23.61		
20	QPSK	1	99	23.65	23.48	23.68	23.52	23.41		
20	QPSK	50	0	22.90	22.82	22.94	22.81	22.80		
20	QPSK	50	24	22.85	22.75	22.83	22.79	22.78	23.5	1
20	QPSK	50	50	22.89	22.73	22.89	22.80	22.81		
20	QPSK	100	0	22.84	22.75	22.89	22.80	22.84		
20	16QAM	1	0	22.84	22.76	22.81	22.77	23.01		
20	16QAM	1	49	22.89	22.77	22.89	22.81	22.86	23.5	1
20	16QAM	1	99	22.95	22.92	22.92	22.82	22.66		
20	16QAM	50	0	21.90	21.72	21.82	21.81	21.96		
20	16QAM	50	24	21.90	21.75	21.83	21.82	21.88	22.5	2
20	16QAM	50	50	22.00	21.84	21.90	21.83	21.81		
20	16QAM	100	0	21.90	21.73	21.85	21.82	21.85		
20	64QAM	1	0	21.55	21.44	21.54	21.46	21.70		
20	64QAM	1	49	21.60	21.48	21.59	21.52	21.56	22.5	2
20	64QAM	1	99	21.65	21.63	21.62	21.53	21.37		
20	64QAM	50	0	20.70	20.70	20.79	20.77	20.92		
20	64QAM	50	24	20.86	20.73	20.79	20.78	20.83	21.5	3
20	64QAM	50	50	20.95	20.80	20.85	20.78	20.77		
20	64QAM	100	0	20.88	20.73	20.83	20.78	20.83		
20	256QAM	1	0	18.10	18.05	18.13	18.04	18.06		
20	256QAM	1	49	18.02	18.03	18.05	18.01	18.02	19.5	5
20	256QAM	1	99	17.99	18.05	18.11	18.08	18.08		
20	256QAM	50	0	17.99	18.01	18.06	18.03	18.05		
20	256QAM	50	24	17.96	18.04	18.06	18.05	18.05	19.5	5
20	256QAM	50	50	17.95	18.01	18.05	17.96	17.93		
20	256QAM	100	0	17.92	17.93	17.98	17.95	17.92		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.64	23.62	23.65	23.47	23.53	24.5	0
15	QPSK	1	37	23.58	23.49	23.63	23.46	23.54		
15	QPSK	1	74	23.62	23.41	23.56	23.51	23.32		
15	QPSK	36	0	22.89	22.75	22.90	22.69	22.61		
15	QPSK	36	20	22.79	22.67	22.73	22.74	22.72	23.5	1
15	QPSK	36	39	22.77	22.64	22.84	22.73	22.72		
15	QPSK	75	0	22.75	22.74	22.86	22.76	22.82		
15	16QAM	1	0	22.80	22.69	22.75	22.70	22.93		
15	16QAM	1	37	22.82	22.73	22.88	22.77	22.74	23.5	1
15	16QAM	1	74	22.91	22.90	22.82	22.76	22.57		
15	16QAM	36	0	21.70	21.67	21.81	21.75	21.95		
15	16QAM	36	20	21.80	21.68	21.81	21.76	21.79	22.5	2
15	16QAM	36	39	21.89	21.78	21.89	21.71	21.69		
15	16QAM	75	0	21.89	21.65	21.74	21.81	21.73		
15	64QAM	1	0	21.48	21.39	21.47	21.41	21.62		
15	64QAM	1	37	21.56	21.38	21.54	21.50	21.47	22.5	2
15	64QAM	1	74	21.61	21.53	21.50	21.43	21.30		
15	64QAM	36	0	20.70	20.67	20.72	20.68	20.85		
15	64QAM	36	20	20.79	20.71	20.75	20.72	20.71	21.5	3
15	64QAM	36	39	20.93	20.70	20.80	20.72	20.66		
15	64QAM	75	0	20.82	20.69	20.80	20.69	20.82		
15	256QAM	1	0	18.04	17.95	18.04	18.02	17.97		
15	256QAM	1	37	17.97	18.02	17.95	17.93	18.00	19.5	5
15	256QAM	1	74	17.90	17.98	18.06	17.96	17.97		
15	256QAM	36	0	17.88	17.94	18.04	18.00	18.01		
15	256QAM	36	20	17.97	17.99	17.95	18.02	17.95	19.5	5
15	256QAM	36	39	17.85	17.92	17.93	17.94	17.92		
15	256QAM	75	0	17.85	17.92	17.96	17.87	17.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.63	23.68	23.72	23.57	23.52	24.5	0
10	QPSK	1	25	23.55	23.44	23.57	23.47	23.59		
10	QPSK	1	49	23.62	23.45	23.58	23.48	23.29		
10	QPSK	25	0	22.84	22.72	22.79	22.76	22.80		
10	QPSK	25	12	22.80	22.68	22.77	22.70	22.66	23.5	1
10	QPSK	25	25	22.81	22.62	22.77	22.73	22.78		
10	QPSK	50	0	22.79	22.71	22.85	22.74	22.79		
10	16QAM	1	0	22.76	22.67	22.69	22.67	22.96		
10	16QAM	1	25	22.79	22.73	22.84	22.75	22.85	23.5	1
10	16QAM	1	49	22.88	22.81	22.85	22.71	22.64		
10	16QAM	25	0	21.68	21.63	21.76	21.71	21.95		
10	16QAM	25	12	21.78	21.68	21.72	21.80	21.77	22.5	2
10	16QAM	25	25	21.78	21.79	21.88	21.80	21.80		
10	16QAM	50	0	21.79	21.68	21.80	21.81	21.79		
10	64QAM	1	0	21.52	21.39	21.53	21.39	21.61		
10	64QAM	1	25	21.49	21.39	21.51	21.42	21.53	22.5	2
10	64QAM	1	49	21.62	21.60	21.52	21.51	21.27		
10	64QAM	25	0	20.74	20.60	20.69	20.65	20.88		
10	64QAM	25	12	20.81	20.72	20.79	20.72	20.79	21.5	3
10	64QAM	25	25	20.86	20.74	20.82	20.76	20.65		
10	64QAM	50	0	20.86	20.61	20.82	20.67	20.82		
10	256QAM	1	0	18.02	17.96	18.08	17.98	18.03		
10	256QAM	1	25	17.92	17.97	18.01	17.94	18.01	19.5	5
10	256QAM	1	49	17.96	18.04	18.10	18.00	18.00		
10	256QAM	25	0	17.88	17.90	17.99	18.00	18.02		
10	256QAM	25	12	17.86	18.03	17.99	17.95	18.02	19.5	5
10	256QAM	25	25	17.90	17.90	17.95	17.95	17.94		
10	256QAM	50	0	17.84	17.86	17.98	17.83	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.59	23.57	23.62	23.55	23.52	24.5	0
5	QPSK	1	12	23.53	23.45	23.62	23.52	23.60		
5	QPSK	1	24	23.55	23.42	23.58	23.44	23.37		
5	QPSK	12	0	22.78	22.71	22.87	22.71	22.85		
5	QPSK	12	7	22.76	22.68	22.74	22.77	22.74	23.5	1
5	QPSK	12	13	22.88	22.63	22.77	22.79	22.71		
5	QPSK	25	0	22.73	22.66	22.88	22.73	22.72		
5	16QAM	1	0	22.79	22.65	22.76	22.74	22.99		
5	16QAM	1	12	22.77	22.65	22.79	22.76	22.76	23.5	1
5	16QAM	1	24	22.89	22.86	22.87	22.80	22.73		
5	16QAM	12	0	21.69	21.62	21.73	21.78	21.90		
5	16QAM	12	7	21.89	21.71	21.82	21.76	21.79	22.5	2
5	16QAM	12	13	21.89	21.79	21.81	21.82	21.79		
5	16QAM	25	0	21.84	21.66	21.81	21.81	21.81		
5	64QAM	1	0	21.50	21.42	21.50	21.36	21.68		
5	64QAM	1	12	21.56	21.43	21.49	21.40	21.51	22.5	2
5	64QAM	1	24	21.56	21.62	21.50	21.43	21.35		
5	64QAM	12	0	20.74	20.60	20.69	20.74	20.88		
5	64QAM	12	7	20.75	20.63	20.76	20.72	20.76	21.5	3
5	64QAM	12	13	20.88	20.78	20.80	20.74	20.67		
5	64QAM	25	0	20.86	20.68	20.75	20.71	20.77		
5	256QAM	1	0	18.07	17.97	18.08	17.92	18.04		
5	256QAM	1	12	17.92	17.92	17.94	17.97	18.01	19.5	5
5	256QAM	1	24	17.96	17.99	18.07	18.02	18.01		
5	256QAM	12	0	17.92	17.92	18.01	17.96	18.03		
5	256QAM	12	7	17.85	17.93	17.96	17.96	17.99	19.5	5
5	256QAM	12	13	17.85	17.93	17.97	17.84	17.82		
5	256QAM	25	0	17.83	17.83	17.87	17.90	17.89		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.82	24.85	24.89	24.82	24.86	25.7	0
20	QPSK	1	49	24.79	24.74	24.80	24.76	24.75		
20	QPSK	1	99	24.80	24.67	23.95	24.75	24.69		
20	QPSK	50	0	24.05	24.04	24.12	24.02	24.06		
20	QPSK	50	24	23.97	23.96	23.98	24.01	24.01	24.7	1
20	QPSK	50	50	24.01	23.98	24.08	24.00	24.03		
20	QPSK	100	0	24.00	23.96	24.05	23.99	24.02		
20	16QAM	1	0	24.02	23.94	24.02	23.94	24.45		
20	16QAM	1	49	24.04	23.98	24.07	24.00	24.38	24.7	1
20	16QAM	1	99	24.09	24.15	24.06	24.07	24.23		
20	16QAM	50	0	22.90	22.95	22.99	23.01	23.41		
20	16QAM	50	24	23.04	22.96	22.99	23.01	23.39	23.7	2
20	16QAM	50	50	23.14	23.03	23.06	23.03	23.34		
20	16QAM	100	0	23.06	22.96	23.02	22.99	23.36		
20	64QAM	1	0	22.73	22.83	22.73	22.64	23.16		
20	64QAM	1	49	22.74	22.67	22.75	22.72	23.09	23.7	2
20	64QAM	1	99	22.75	22.65	22.75	22.75	22.95		
20	64QAM	50	0	21.97	21.92	21.96	21.98	22.39		
20	64QAM	50	24	22.01	21.94	21.96	21.97	22.34	22.7	3
20	64QAM	50	50	22.12	22.00	22.05	21.99	22.32		
20	64QAM	100	0	22.02	21.94	21.97	21.96	22.36		
20	256QAM	1	0	19.67	19.63	19.71	19.61	19.70		
20	256QAM	1	49	19.68	19.74	19.79	19.72	19.72	20.7	5
20	256QAM	1	99	19.79	19.76	19.85	19.83	19.75		
20	256QAM	50	0	19.58	19.64	19.65	19.56	19.63		
20	256QAM	50	24	19.68	19.66	19.77	19.69	19.75	20.7	5
20	256QAM	50	50	19.57	19.65	19.68	19.62	19.57		
20	256QAM	100	0	19.52	19.55	19.62	19.61	19.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.76	24.73	24.79	24.76	24.82	25.7	0
15	QPSK	1	37	24.71	24.64	24.71	24.70	24.68		
15	QPSK	1	74	24.77	24.63	23.90	24.65	24.64		
15	QPSK	36	0	23.93	23.95	24.02	23.93	23.98		
15	QPSK	36	20	23.86	23.84	23.91	23.94	23.95	24.7	1
15	QPSK	36	39	23.93	23.9	24.00	23.95	24.00		
15	QPSK	75	0	23.98	23.88	24.02	23.94	24.00		
15	16QAM	1	0	23.99	23.93	24.00	23.83	24.41		
15	16QAM	1	37	23.95	23.88	24.04	23.99	24.08	24.7	1
15	16QAM	1	74	24.06	24.06	23.95	24.01	24.19		
15	16QAM	36	0	22.94	22.87	22.90	22.95	23.31		
15	16QAM	36	20	23.01	22.94	22.95	22.97	23.37	23.7	2
15	16QAM	36	39	23.05	22.94	22.98	23.02	23.27		
15	16QAM	75	0	23.03	22.84	22.90	22.98	23.33		
15	64QAM	1	0	22.61	22.55	22.67	22.53	23.04		
15	64QAM	1	37	22.76	22.59	22.71	22.62	23.06	23.7	2
15	64QAM	1	74	22.74	22.74	22.73	22.71	22.94		
15	64QAM	36	0	21.84	21.8	21.89	21.86	22.38		
15	64QAM	36	20	21.94	21.85	21.86	21.92	22.23	22.7	3
15	64QAM	36	39	22.08	21.98	22.00	21.94	22.26		
15	64QAM	75	0	21.93	21.82	21.87	21.95	22.34		
15	256QAM	1	0	19.63	19.54	19.63	19.56	19.58		
15	256QAM	1	37	19.67	19.71	19.73	19.70	19.68	20.7	5
15	256QAM	1	74	19.78	19.65	19.79	19.79	19.72		
15	256QAM	36	0	19.53	19.53	19.64	19.47	19.60		
15	256QAM	36	20	19.59	19.62	19.69	19.68	19.72	20.7	5
15	256QAM	36	39	19.52	19.55	19.62	19.60	19.45		
15	256QAM	75	0	19.47	19.52	19.61	19.60	19.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.76	24.81	24.80	24.73	24.82	25.7	0
10	QPSK	1	25	24.71	24.71	24.68	24.72	24.73		
10	QPSK	1	49	24.77	24.56	23.91	24.73	24.68		
10	QPSK	25	0	23.99	23.95	24.08	23.90	24.02		
10	QPSK	25	12	23.87	23.91	23.95	23.96	23.92	24.7	1
10	QPSK	25	25	23.97	23.92	24.06	23.96	23.92		
10	QPSK	50	0	23.90	23.94	24.01	23.96	23.95		
10	16QAM	1	0	24.01	23.91	23.90	23.88	24.43		
10	16QAM	1	25	23.97	23.96	23.95	23.94	24.27	24.7	1
10	16QAM	1	49	24.03	24.13	23.94	23.98	24.11		
10	16QAM	25	0	22.87	22.87	22.88	22.89	23.39		
10	16QAM	25	12	23.01	22.92	22.98	22.89	23.35	23.7	2
10	16QAM	25	25	23.02	22.99	23.02	23.01	23.32		
10	16QAM	50	0	23.05	22.86	22.90	22.94	23.26		
10	64QAM	1	0	22.63	22.56	22.65	22.52	23.14		
10	64QAM	1	25	22.65	22.61	22.67	22.58	23.05	23.7	2
10	64QAM	1	49	22.67	22.83	22.73	22.69	22.86		
10	64QAM	25	0	21.94	21.86	21.88	21.90	22.36		
10	64QAM	25	12	21.96	21.87	21.88	21.96	22.22	22.7	3
10	64QAM	25	25	22.07	21.98	21.96	21.91	22.31		
10	64QAM	50	0	21.94	21.88	21.86	21.93	22.27		
10	256QAM	1	0	19.62	19.54	19.67	19.51	19.63		
10	256QAM	1	25	19.63	19.68	19.73	19.62	19.70	20.7	5
10	256QAM	1	49	19.68	19.74	19.79	19.78	19.70		
10	256QAM	25	0	19.57	19.61	19.57	19.46	19.60		
10	256QAM	25	12	19.61	19.63	19.66	19.68	19.65	20.7	5
10	256QAM	25	25	19.45	19.56	19.61	19.55	19.47		
10	256QAM	50	0	19.42	19.52	19.59	19.54	19.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.79	24.81	24.79	24.76	25.7	0
5	QPSK	1	12	24.76	24.64	24.74	24.68	24.68		
5	QPSK	1	24	24.72	24.64	23.90	24.69	24.67		
5	QPSK	12	0	24.03	23.97	24.03	24.00	24.01		
5	QPSK	12	7	23.93	23.93	23.89	24.00	23.94	24.7	1
5	QPSK	12	13	23.96	23.96	24.06	23.94	23.94		
5	QPSK	25	0	23.97	23.92	23.97	23.94	23.93		
5	16QAM	1	0	24.01	23.87	23.96	23.89	24.35		
5	16QAM	1	12	24.01	23.94	24.01	23.97	24.28	24.7	1
5	16QAM	1	24	23.98	24.10	23.96	24.03	24.10		
5	16QAM	12	0	22.93	22.91	22.88	22.95	23.34		
5	16QAM	12	7	23.03	22.87	22.87	22.97	23.36	23.7	2
5	16QAM	12	13	23.12	22.92	23.01	22.98	23.27		
5	16QAM	25	0	22.97	22.90	23.01	22.97	23.28		
5	64QAM	1	0	22.68	22.59	22.70	22.58	23.13		
5	64QAM	1	12	22.73	22.62	22.68	22.60	23.06	23.7	2
5	64QAM	1	24	22.77	22.73	22.71	22.64	22.91		
5	64QAM	12	0	21.88	21.90	21.86	21.90	22.35		
5	64QAM	12	7	21.98	21.91	21.86	21.90	22.24	22.7	3
5	64QAM	12	13	22.03	21.94	21.97	21.87	22.24		
5	64QAM	25	0	21.97	21.90	21.91	21.91	22.31		
5	256QAM	1	0	19.62	19.53	19.61	19.58	19.62		
5	256QAM	1	12	19.56	19.70	19.67	19.70	19.71	20.7	5
5	256QAM	1	24	19.72	19.64	19.82	19.80	19.67		
5	256QAM	12	0	19.52	19.58	19.56	19.54	19.62		
5	256QAM	12	7	19.57	19.59	19.76	19.59	19.74	20.7	5
5	256QAM	12	13	19.56	19.60	19.65	19.53	19.53		
5	256QAM	25	0	19.42	19.47	19.54	19.52	19.53		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.60	23.56	23.69	23.52	23.63	24.5	0
20	QPSK	1	49	23.54	23.36	23.61	23.50	23.51		
20	QPSK	1	99	23.56	23.31	23.64	23.49	23.46		
20	QPSK	50	0	22.84	22.82	22.94	22.76	22.86		
20	QPSK	50	24	22.85	22.61	22.72	22.75	22.83	23.5	1
20	QPSK	50	50	22.78	22.59	22.82	22.75	22.84		
20	QPSK	100	0	22.82	22.59	22.88	22.72	22.75		
20	16QAM	1	0	22.81	22.60	22.72	22.69	22.99		
20	16QAM	1	49	22.84	22.63	22.81	22.73	22.89	23.5	1
20	16QAM	1	99	22.86	22.77	22.82	22.74	22.74		
20	16QAM	50	0	21.78	21.59	21.71	21.76	21.97		
20	16QAM	50	24	21.86	21.62	21.72	21.75	21.90	22.5	2
20	16QAM	50	50	21.92	21.67	21.82	21.75	21.85		
20	16QAM	100	0	21.83	21.59	21.76	21.75	21.88		
20	64QAM	1	0	21.54	21.29	21.42	21.42	21.69		
20	64QAM	1	49	21.55	21.31	21.50	21.45	21.58	22.5	2
20	64QAM	1	99	21.57	21.46	21.51	21.46	21.43		
20	64QAM	50	0	20.74	20.57	20.67	20.74	20.92		
20	64QAM	50	24	20.81	20.59	20.70	20.71	20.84	21.5	3
20	64QAM	50	50	20.90	20.65	20.79	20.71	20.82		
20	64QAM	100	0	20.82	20.60	20.72	20.71	20.88		
20	256QAM	1	0	18.08	18.11	18.20	18.13	18.11		
20	256QAM	1	49	18.16	18.12	18.18	18.10	18.18	19.5	5
20	256QAM	1	99	18.04	18.04	18.16	18.15	18.07		
20	256QAM	50	0	18.02	18.02	18.13	18.11	18.05		
20	256QAM	50	24	18.05	18.07	18.15	18.07	18.12	19.5	5
20	256QAM	50	50	18.06	18.05	18.14	18.08	18.05		
20	256QAM	100	0	18.08	18.08	18.16	18.02	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.49	23.47	23.59	23.43	23.51	24.5	0
15	QPSK	1	37	23.44	23.24	23.55	23.48	23.45		
15	QPSK	1	74	23.51	23.28	23.62	23.48	23.35		
15	QPSK	36	0	22.85	22.58	22.80	22.66	22.64		
15	QPSK	36	20	22.80	22.54	22.62	22.66	22.80	23.5	1
15	QPSK	36	39	22.87	22.50	22.70	22.73	22.83		
15	QPSK	75	0	22.79	22.52	22.81	22.66	22.65		
15	16QAM	1	0	22.71	22.53	22.66	22.59	22.88		
15	16QAM	1	37	22.79	22.52	22.72	22.68	22.81	23.5	1
15	16QAM	1	74	22.84	22.74	22.79	22.70	22.68		
15	16QAM	36	0	21.70	21.53	21.60	21.72	21.90		
15	16QAM	36	20	21.76	21.55	21.71	21.70	21.88	22.5	2
15	16QAM	36	39	21.81	21.57	21.73	21.64	21.80		
15	16QAM	75	0	21.75	21.58	21.66	21.74	21.84		
15	64QAM	1	0	21.44	21.22	21.33	21.33	21.60		
15	64QAM	1	37	21.44	21.19	21.42	21.37	21.54	22.5	2
15	64QAM	1	74	21.48	21.37	21.49	21.40	21.40		
15	64QAM	36

Reduced Power for DSI 0

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.15	33.09	**34.00**	23.98	24.15	24.09	**25.00**
GPRS 1 Tx slot	33.02	33.17	33.12	**34.00**	24.02	24.17	24.12	**25.00**
GPRS 2 Tx slots	29.81	30.16	30.11	**31.00**	23.81	24.16	24.11	**25.00**
GPRS 3 Tx slots	28.00	28.32	28.33	**29.20**	23.74	24.06	24.07	**24.94**
GPRS 4 Tx slots	26.60	27.15	26.95	**28.00**	23.60	24.15	23.95	**25.00**
EDGE 1 Tx slot	27.21	27.12	27.28	**28.00**	18.21	18.12	18.28	**19.00**
EDGE 2 Tx slots	24.15	24.18	24.46	**25.00**	18.15	18.18	18.46	**19.00**
EDGE 3 Tx slots	22.44	22.35	22.30	**23.20**	18.18	18.09	18.04	**18.94**
EDGE 4 Tx slots	21.03	21.12	21.09	**22.00**	18.03	18.12	18.09	**19.00**

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.22	31.38	31.44	**32.50**	22.22	22.38	22.44	**23.50**
GPRS 1 Tx slot	31.24	31.43	31.46	**32.50**	22.24	22.43	22.46	**23.50**
GPRS 2 Tx slots	28.13	28.31	28.33	**29.50**	22.13	22.31	22.33	**23.50**
GPRS 3 Tx slots	26.38	26.57	26.60	**27.70**	22.12	22.31	22.34	**23.44**
GPRS 4 Tx slots	25.10	25.35	25.34	**26.50**	22.10	22.35	22.34	**23.50**
EDGE 1 Tx slot	25.43	25.33	25.36	**26.50**	16.43	16.33	16.36	**17.50**
EDGE 2 Tx slots	22.62	22.61	22.60	**23.50**	16.62	16.61	16.60	**17.50**
EDGE 3 Tx slots	20.66	20.72	20.63	**21.70**	16.40	16.46	16.37	**17.44**
EDGE 4 Tx slots	19.21	19.33	19.26	**20.50**	16.21	16.33	16.26	**17.50**

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.24	26.16	26.01	**27.00**	17.24	17.16	17.01	**18.00**
GPRS 1 Tx slot	26.28	26.17	26.02	**27.00**	17.28	17.17	17.02	**18.00**
GPRS 2 Tx slots	23.10	22.96	22.84	**24.00**	17.10	16.96	16.84	**18.00**
GPRS 3 Tx slots	21.37	21.22	21.12	**22.20**	17.11	16.96	16.86	**17.94**
GPRS 4 Tx slots	19.93	20.07	19.95	**21.00**	16.93	17.07	16.95	**18.00**
EDGE 1 Tx slot	22.18	22.48	22.45	**23.00**	13.18	13.48	13.45	**14.00**
EDGE 2 Tx slots	18.85	18.93	18.96	**20.00**	12.85	12.93	12.96	**14.00**
EDGE 3 Tx slots	16.53	16.95	16.85	**18.20**	12.27	12.69	12.59	**13.94**
EDGE 4 Tx slots	15.21	15.05	15.03	**17.00**	12.21	12.05	12.03	**14.00**

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.18	30.20	30.13	**31.00**	21.18	21.20	21.13	**22.00**
GPRS 1 Tx slot	30.19	30.22	30.16	**31.00**	21.19	21.22	21.16	**22.00**
GPRS 2 Tx slots	27.51	27.44	27.45	**28.00**	21.51	21.44	21.45	**22.00**
GPRS 3 Tx slots	25.73	25.51	25.70	**26.20**	21.47	21.25	21.44	**21.94**
GPRS 4 Tx slots	24.30	24.36	24.35	**25.00**	21.30	21.36	21.35	**22.00**
EDGE 1 Tx slot	26.61	26.70	26.88	**27.00**	17.61	17.70	17.88	**18.00**
EDGE 2 Tx slots	23.45	23.74	23.59	**24.00**	17.45	17.74	17.59	**18.00**
EDGE 3 Tx slots	21.24	21.59	21.47	**22.20**	16.98	17.33	17.21	**17.94**
EDGE 4 Tx slots	19.65	19.74	19.88	**21.00**	16.65	16.74	16.88	**18.00**

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	15.98	15.82	15.71	17.50	24.15	24.20	24.09	25.00
3GPP Rel 99	RMC 12.2Kbps	16.08	16.09	15.74	17.50	24.52	24.59	24.54	25.00
3GPP Rel 6	HSDPA Subtest-1	15.01	15.16	15.02	16.50	23.60	23.73	23.62	24.00
3GPP Rel 6	HSDPA Subtest-2	15.04	15.33	15.04	16.50	23.51	23.71	23.60	24.00
3GPP Rel 6	HSDPA Subtest-3	14.69	14.84	14.68	16.00	23.11	23.24	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	14.54	14.80	14.54	16.00	23.14	23.21	23.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.29	15.43	15.25	16.50	23.41	23.51	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.15	15.37	15.04	16.50	23.55	23.55	23.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.56	14.71	14.68	16.00	23.05	23.12	23.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.57	14.80	14.61	16.00	23.07	23.11	22.97	23.50
3GPP Rel 6	HSUPA Subtest-1	14.88	14.94	14.87	16.50	23.08	23.16	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	14.87	15.02	14.77	16.50	23.05	23.12	22.97	24.00
3GPP Rel 6	HSUPA Subtest-3	14.35	14.49	14.33	16.00	22.67	22.73	22.66	23.50
3GPP Rel 6	HSUPA Subtest-4	14.83	14.99	14.79	16.50	23.12	23.20	23.08	24.00
3GPP Rel 6	HSUPA Subtest-5	13.97	13.91	14.97	15.50	22.10	22.16	22.14	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.01	13.05	12.88	14.50	21.11	21.15	21.08	22.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.32	16.23	16.40	18.00	24.23	24.25	24.26	25.00
3GPP Rel 99	RMC 12.2Kbps	16.34	16.49	16.46	18.00	24.60	24.67	24.52	25.00
3GPP Rel 6	HSDPA Subtest-1	15.58	15.77	15.69	17.00	23.66	23.78	23.70	24.00
3GPP Rel 6	HSDPA Subtest-2	15.57	15.72	15.56	17.00	23.68	23.71	23.64	24.00
3GPP Rel 6	HSDPA Subtest-3	15.07	15.13	15.11	16.50	23.14	23.24	23.21	23.50
3GPP Rel 6	HSDPA Subtest-4	15.13	15.15	15.02	16.50	23.20	23.21	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.52	15.66	15.50	17.00	23.59	23.67	23.56	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.56	15.59	15.51	17.00	23.56	23.62	23.42	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.21	15.23	15.06	16.50	23.06	23.12	23.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.02	15.01	15.07	16.50	23.02	23.11	23.04	23.50
3GPP Rel 6	HSUPA Subtest-1	15.51	15.54	15.48	17.00	23.31	23.37	23.29	24.00
3GPP Rel 6	HSUPA Subtest-2	15.38	15.43	15.40	17.00	23.24	23.32	23.30	24.00
3GPP Rel 6	HSUPA Subtest-3	14.82	14.95	14.94	16.50	22.78	22.89	22.80	23.50
3GPP Rel 6	HSUPA Subtest-4	15.44	15.54	15.53	17.00	23.25	23.31	23.29	24.00
3GPP Rel 6	HSUPA Subtest-5	14.32	14.46	14.45	16.00	22.21	22.29	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.74	13.88	13.75	15.00	21.25	21.31	21.22	22.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.30	24.32	25.00	21.22	21.19	21.11	23.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.40	24.35	25.00	21.29	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.31	23.47	24.00	20.12	20.18	20.31	22.50
3GPP Rel 6	HSDPA Subtest-2	23.23	23.29	23.42	24.00	19.96	20.09	20.45	22.50
3GPP Rel 6	HSDPA Subtest-3	22.79	22.80	22.97	23.50	19.50	19.68	19.77	22.00
3GPP Rel 6	HSDPA Subtest-4	22.51	22.83	22.90	23.50	19.64	19.60	19.72	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.42	23.39	24.00	20.10	20.52	20.29	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.38	23.34	24.00	20.35	20.38	20.12	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.81	22.68	23.50	19.73	19.91	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.84	22.88	22.77	23.50	19.68	19.81	19.88	22.00
3GPP Rel 6	HSUPA Subtest-1	23.28	23.36	23.33	24.00	20.35	20.41	20.35	22.00
3GPP Rel 6	HSUPA Subtest-2	23.24	23.32	23.29	24.00	20.43	20.47	20.41	22.00
3GPP Rel 6	HSUPA Subtest-3	22.80	22.87	22.81	23.50	19.89	19.80	19.84	21.50
3GPP Rel 6	HSUPA Subtest-4	23.22	23.25	23.21	24.00	20.34	20.34	20.41	22.00
3GPP Rel 6	HSUPA Subtest-5	22.19	22.29	22.24	23.00	19.58	19.66	19.57	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.31	21.23	22.00	18.88	19.01	18.95	20.00

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.88	23.96	23.95	25	0
20	QPSK	1	49	23.82	23.93	23.92		
20	QPSK	1	99	23.82	23.85	23.93		
20	QPSK	50	0	22.86	22.94	22.91	24	1
20	QPSK	50	24	22.83	22.92	22.90		
20	QPSK	50	50	22.85	22.86	22.83		
20	QPSK	100	0	22.82	22.92	22.90		
20	16QAM	1	0	23.08	23.11	23.19	24	1
20	16QAM	1	49	23.05	23.14	23.16		
20	16QAM	1	99	22.98	23.06	23.07		
20	16QAM	50	0	21.67	21.94	21.88	23	2
20	16QAM	50	24	21.80	21.92	21.90		
20	16QAM	50	50	21.80	21.85	21.83		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.99	22.03	22.07	23	2
20	64QAM	1	49	21.94	22.04	22.01		
20	64QAM	1	99	21.94	21.97	21.98		
20	64QAM	50	0	20.70	20.95	20.90	22	3
20	64QAM	50	24	20.85	20.89	20.88		
20	64QAM	50	50	20.86	20.88	20.83		
20	64QAM	100	0	20.85	20.91	20.92		
20	256QAM	1	0	18.69	18.61	18.58	20	5
20	256QAM	1	49	18.52	18.62	18.58		
20	256QAM	1	99	18.50	18.55	18.46		
20	256QAM	50	0	18.64	18.56	18.48	20	5
20	256QAM	50	24	18.63	18.55	18.69		
20	256QAM	50	50	18.51	18.48	18.51		
20	256QAM	100	0	18.49	18.52	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.80	23.89	23.87	25	0
15	QPSK	1	37	23.79	23.90	23.83		
15	QPSK	1	74	23.78	23.81	23.90		
15	QPSK	36	0	22.79	22.92	22.86	24	1
15	QPSK	36	20	22.81	22.88	22.81		
15	QPSK	36	39	22.73	22.81	22.81		
15	QPSK	75	0	22.74	22.84	22.82		
15	16QAM	1	0	22.99	23.00	23.14	24	1
15	16QAM	1	37	23.00	23.07	23.01		
15	16QAM	1	74	22.96	22.99	23.03		
15	16QAM	36	0	21.65	21.93	21.83	23	2
15	16QAM	36	20	21.75	21.84	21.87		
15	16QAM	36	39	21.64	21.94	21.76		
15	16QAM	75	0	21.74	21.75	21.75		
15	64QAM	1	0	21.96	21.91	22.01	23	2
15	64QAM	1	37	21.86	21.96	21.96		
15	64QAM	1	74	21.87	21.86	21.94		
15	64QAM	36	0	20.59	20.94	20.86	22	3
15	64QAM	36	20	20.80	20.87	20.80		
15	64QAM	36	39	20.80	20.80	20.76		
15	64QAM	75	0	20.82	20.79	20.91		
15	256QAM	1	0	18.58	18.59	18.56	20	5
15	256QAM	1	37	18.46	18.52	18.55		
15	256QAM	1	74	18.44	18.50	18.34		
15	256QAM	36	0	18.48	18.47	18.44	20	5
15	256QAM	36	20	18.57	18.46	18.68		
15	256QAM	36	39	18.45	18.40	18.41		
15	256QAM	75	0	18.41	18.50	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.80	23.84	23.88	25	0
10	QPSK	1	25	23.80	23.83	23.91		
10	QPSK	1	49	23.81	23.80	23.86		
10	QPSK	25	0	22.78	22.91	22.87	24	1
10	QPSK	25	12	22.79	22.88	22.85		
10	QPSK	25	25	22.79	22.77	22.77		
10	QPSK	50	0	22.76	22.82	22.85		
10	16QAM	1	0	22.96	23.00	23.07	24	1
10	16QAM	1	25	23.02	23.02	22.96		
10	16QAM	1	49	22.86	23.02	22.99		
10	16QAM	25	0	21.58	21.82	21.86	23	2
10	16QAM	25	12	21.70	21.88	21.86		
10	16QAM	25	25	21.78	21.77	21.78		
10	16QAM	50	0	21.77	21.81	21.80		
10	64QAM	1	0	21.87	21.92	22.02	23	2
10	64QAM	1	25	21.85	21.93	21.90		
10	64QAM	1	49	21.91	21.91	21.92		
10	64QAM	25	0	20.59	20.83	20.89	22	3
10	64QAM	25	12	20.81	20.77	20.86		
10	64QAM	25	25	20.80	20.76	20.80		
10	64QAM	50	0	20.81	20.90	20.84		
10	256QAM	1	0	18.59	18.56	18.48	20	5
10	256QAM	1	25	18.50	18.53	18.56		
10	256QAM	1	49	18.54	18.47	18.39		
10	256QAM	25	0	18.54	18.48	18.34	20	5
10	256QAM	25	12	18.60	18.48	18.63		
10	256QAM	25	25	18.42	18.41	18.43		
10	256QAM	50	0	18.46	18.48	18.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.94	23.91	25	0
5	QPSK	1	12	23.72	23.84	23.87		
5	QPSK	1	24	23.75	23.78	23.89		
5	QPSK	12	0	22.78	22.92	22.84	24	1
5	QPSK	12	7	22.82	22.81	22.81		
5	QPSK	12	13	22.77	22.78	22.81		
5	QPSK	25	0	22.74	22.87	22.81		
5	16QAM	1	0	23.06	23.10	23.14	24	1
5	16QAM	1	12	23.03	23.06	22.97		
5	16QAM	1	24	22.95	23.02	22.95		
5	16QAM	12	0	21.62	21.85	21.81	23	2
5	16QAM	12	7	21.77	21.87	21.89		
5	16QAM	12	13	21.78	21.73	21.72		
5	16QAM	25	0	21.74	21.77	21.85		
5	64QAM	1	0	21.95	21.91	21.95	23	2
5	64QAM	1	12	21.80	22.00	22.00		
5	64QAM	1	24	21.80	21.88	21.93		
5	64QAM	12	0	20.58	20.86	20.86	22	3
5	64QAM	12	7	20.84	20.88	20.76		
5	64QAM	12	13	20.76	20.82	20.79		
5	64QAM	25	0	20.74	20.82	20.91		
5	256QAM	1	0	18.66	18.55	18.50	20	5
5	256QAM	1	12	18.47	18.51	18.55		
5	256QAM	1	24	18.50	18.47	18.34		
5	256QAM	12	0	18.55	18.52	18.45	20	5
5	256QAM	12	7	18.59	18.48	18.67		
5	256QAM	12	13	18.50	18.37	18.39		
5	256QAM	25	0	18.45	18.46	18.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.86	23.94	23.85	25	0
3	QPSK	1	8	23.76	23.82	23.89		
3	QPSK	1	14	23.81	23.78	23.87		
3	QPSK	8	0	22.76	22.92	22.90	24	1
3	QPSK	8	4	22.81	22.83	22.84		
3	QPSK	8	7	22.76	22.82	22.77		
3	QPSK	15	0	22.75	22.81	22.85		
3	16QAM	1	0	23.03	23.05	23.07	24	1
3	16QAM	1	8	22.97	23.04	22.96		
3	16QAM	1	14	22.97	22.97	22.98		
3	16QAM	8	0	21.63	21.82	21.77	23	2
3	16QAM	8	4	21.75	21.90	21.81		
3	16QAM	8	7	21.84	21.81	21.74		
3	16QAM	15	0	21.79	21.80	21.85		
3	64QAM	1	0	21.88	21.94	21.98	23	2
3	64QAM	1	8	21.93	21.92	22.02		
3	64QAM	1	14	21.90	21.87	21.96		
3	64QAM	8	0	20.66	20.88	20.83	22	3
3	64QAM	8	4	20.80	20.87	20.82		
3	64QAM	8	7	20.75	20.85	20.74		
3	64QAM	15	0	20.76	20.80	20.90		
3	256QAM	1	0	18.59	18.59	18.47	20	5
3	256QAM	1	8	18.46	18.55	18.48		
3	256QAM	1	14	18.50	18.36	18.34		
3	256QAM	8	0	18.53	18.48	18.42	20	5
3	256QAM	8	4	18.62	18.51	18.66		
3	256QAM	8	7	18.42	18.43	18.49		
3	256QAM	15	0	18.39	18.43	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.79	23.85	23.83	25	0
1.4	QPSK	1	3	23.81	23.83	23.83		
1.4	QPSK	1	5	23.71	23.81	23.86		
1.4	QPSK	3	0	23.69	23.79	23.80		
1.4	QPSK	3	1	23.69	23.76	23.76		
1.4	QPSK	3	3	23.61	23.74	23.85		
1.4	QPSK	6	0	22.61	22.80	22.86	24	1
1.4	16QAM	1	0	23.07	23.07	23.14	24	1
1.4	16QAM	1	3	22.93	23.02	23.07		
1.4	16QAM	1	5	22.95	23.00	23.04		
1.4	16QAM	3	0	22.96	23.01	23.13		
1.4	16QAM	3	1	22.92	22.93	23.02		
1.4	16QAM	3	3	22.88	22.97	22.95		
1.4	16QAM	6	0	21.77	21.80	21.77	23	2
1.4	64QAM	1	0	21.96	21.92	22.03	23	2
1.4	64QAM	1	3	21.86	21.97	21.91		
1.4	64QAM	1	5	21.91	21.90	21.92		
1.4	64QAM	3	0	21.93	21.84	21.99		
1.4	64QAM	3	1	21.90	21.85	21.93		
1.4	64QAM	3	3	21.87	21.85	21.90		
1.4	64QAM	6	0	20.84	20.90	20.83	22	3
1.4	256QAM	1	0	18.67	18.54	18.52	20	5
1.4	256QAM	1	3	18.43	18.56	18.54		
1.4	256QAM	1	5	18.46	18.47	18.42		
1.4	256QAM	3	0	18.53	18.47	18.43		
1.4	256QAM	3	1	18.54	18.44	18.64		
1.4	256QAM	3	3	18.49	18.37	18.48		
1.4	256QAM	6	0	18.48	18.44	18.60	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.96	22.14	22.03	23	0
20	QPSK	1	49	21.89	21.97	21.98		
20	QPSK	1	99	21.86	22.10	21.92		
20	QPSK	50	0	21.83	22.05	21.95	23	0
20	QPSK	50	24	21.78	21.92	21.83		
20	QPSK	50	50	21.78	22.00	21.89		
20	QPSK	100	0	21.64	21.97	21.83		
20	16QAM	1	0	21.74	21.85	21.94	23	0
20	16QAM	1	49	21.74	22.03	21.82		
20	16QAM	1	99	21.65	21.88	21.91		
20	16QAM	50	0	21.22	21.54	21.36	22.5	0.5
20	16QAM	50	24	21.77	22.03	21.95		
20	16QAM	50	50	21.83	21.89	21.88		
20	16QAM	100	0	21.71	22.01	21.80		
20	64QAM	1	0	21.29	21.53	21.48	22.5	0.5
20	64QAM	1	49	21.39	21.51	21.48		
20	64QAM	1	99	21.39	21.64	21.55		
20	64QAM	50	0	20.38	20.60	20.38	21.5	1.5
20	64QAM	50	24	20.42	20.62	20.48		
20	64QAM	50	50	20.45	20.61	20.52		
20	64QAM	100	0	20.34	20.60	20.41		
20	256QAM	1	0	18.33	18.48	18.46	19.5	3.5
20	256QAM	1	49	18.43	18.54	18.54		
20	256QAM	1	99	18.46	18.54	18.42		
20	256QAM	50	0	18.40	18.61	18.54	19.5	3.5
20	256QAM	50	24	18.42	18.48	18.48		
20	256QAM	50	50	18.42	18.46	18.40		
20	256QAM	100	0	18.42	18.47	18.47		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.56	21.86	21.77	23	0
15	QPSK	1	37	21.58	21.58	21.75		
15	QPSK	1	74	21.61	21.71	21.72		
15	QPSK	36	0	21.47	21.79	21.64	23	0
15	QPSK	36	20	21.58	21.80	21.50		
15	QPSK	36	39	21.55	21.76	21.53		
15	QPSK	75	0	21.26	21.65	21.44	22.5	0.5
15	16QAM	1	0	21.38	21.62	21.55		
15	16QAM	1	37	21.43	21.73	21.50		
15	16QAM	1	74	21.30	21.65	21.60		
15	16QAM	36	0	21.00	21.28	21.08	22.5	0.5
15	16QAM	36	20	21.43	21.70	21.72		
15	16QAM	36	39	21.49	21.88	21.58		
15	16QAM	75	0	21.48	21.72	21.42		
15	64QAM	1	0	20.97	21.25	21.10	22.5	0.5
15	64QAM	1	37	21.14	21.26	21.13		
15	64QAM	1	74	21.13	21.26	21.23		
15	64QAM	36	0	20.11	20.22	20.02	21.5	1.5
15	64QAM	36	20	20.02	20.30	20.26		
15	64QAM	36	39	20.15	20.34	20.30		
15	64QAM	75	0	19.95	20.18	20.07		
15	256QAM	1	0	17.98	18.28	18.06	19.5	3.5
15	256QAM	1	37	18.22	18.29	18.22		
15	256QAM	1	74	18.17	18.14	18.06		
15	256QAM	36	0	18.01	18.24	18.14	19.5	3.5
15	256QAM	36	20	18.02	18.25	18.12		
15	256QAM	36	39	18.17	18.19	18.05		
15	256QAM	75	0	18.02	18.20	18.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.75	21.74	21.81	23	0
10	QPSK	1	25	21.59	21.62	21.66		
10	QPSK	1	49	21.60	21.72	21.69		
10	QPSK	25	0	21.46	21.65	21.69	23	0
10	QPSK	25	12	21.44	21.65	21.62		
10	QPSK	25	25	21.40	21.79	21.54		
10	QPSK	50	0	21.38	21.63	21.52		
10	16QAM	1	0	21.51	21.83	21.66	23	0
10	16QAM	1	25	21.45	21.78	21.62		
10	16QAM	1	49	21.37	21.57	21.71		
10	16QAM	25	0	20.86	21.22	21.00	22.5	0.5
10	16QAM	25	12	21.43	21.77	21.55		
10	16QAM	25	25	21.56	21.51	21.66		
10	16QAM	50	0	21.48	21.64	21.48		
10	64QAM	1	0	21.00	21.19	21.09	22.5	0.5
10	64QAM	1	25	21.15	21.23	21.18		
10	64QAM	1	49	21.07	21.37	21.23		
10	64QAM	25	0	20.11	20.33	19.99	21.5	1.5
10	64QAM	25	12	20.17	20.29	20.20		
10	64QAM	25	25	20.05	20.19	20.19		
10	64QAM	50	0	20.03	20.24	20.15		
10	256QAM	1	0	18.04	18.17	18.21	19.5	3.5
10	256QAM	1	25	18.11	18.23	18.33		
10	256QAM	1	49	18.09	18.16	18.14		
10	256QAM	25	0	18.14	18.23	18.28	19.5	3.5
10	256QAM	25	12	18.07	18.18	18.14		
10	256QAM	25	25	18.15	18.12	18.16		
10	256QAM	50	0	18.21	18.08	18.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.76	21.91	21.87	23	0
5	QPSK	1	12	21.55	21.66	21.62		
5	QPSK	1	24	21.51	21.66	21.55		
5	QPSK	12	0	21.46	21.73	21.57	23	0
5	QPSK	12	7	21.53	21.69	21.43		
5	QPSK	12	13	21.46	21.61	21.49		
5	QPSK	25	0	21.26	21.68	21.53		
5	16QAM	1	0	21.49	21.49	21.72	23	0
5	16QAM	1	12	21.53	21.76	21.44		
5	16QAM	1	24	21.35	21.58	21.59	22.5	0.5
5	16QAM	12	0	20.88	21.31	21.10		
5	16QAM	12	7	21.55	21.77	21.59		
5	16QAM	12	13	21.56	21.64	21.50		
5	16QAM	25	0	21.35	21.61	21.47		
5	64QAM	1	0	21.04	21.25	21.19	22.5	0.5
5	64QAM	1	12	21.01	21.17	21.14		
5	64QAM	1	24	21.15	21.28	21.35		
5	64QAM	12	0	19.99	20.29	20.12	21.5	1.5
5	64QAM	12	7	20.03	20.35	20.27		
5	64QAM	12	13	20.20	20.22	20.12		
5	64QAM	25	0	20.02	20.25	20.21		
5	256QAM	1	0	18.00	18.21	18.07	19.5	3.5
5	256QAM	1	12	18.13	18.25	18.18		
5	256QAM	1	24	18.17	18.22	18.12		
5	256QAM	12	0	18.18	18.41	18.18	19.5	3.5
5	256QAM	12	7	18.15	18.25	18.24		
5	256QAM	12	13	18.05	18.19	18.05		
5	256QAM	25	0	18.02	18.15	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.61	21.87	21.86	23	0
3	QPSK	1	8	21.69	21.62	21.72		
3	QPSK	1	14	21.63	21.83	21.64		
3	QPSK	8	0	21.59	21.72	21.72	23	0
3	QPSK	8	4	21.46	21.61	21.61		
3	QPSK	8	7	21.39	21.64	21.57		
3	QPSK	15	0	21.41	21.66	21.54		
3	16QAM	1	0	21.36	21.52	21.72	23	0
3	16QAM	1	8	21.39	21.79	21.45		
3	16QAM	1	14	21.29	21.59	21.52		
3	16QAM	8	0	20.87	21.22	21.15	22.5	0.5
3	16QAM	8	4	21.53	21.88	21.67		
3	16QAM	8	7	21.47	21.84	21.62		
3	16QAM	15	0	21.37	21.74	21.42		
3	64QAM	1	0	21.00	21.27	21.09	22.5	0.5
3	64QAM	1	8	21.03	21.22	21.08		
3	64QAM	1	14	21.14	21.40	21.28		
3	64QAM	8	0	20.01	20.27	20.04	21.5	1.5
3	64QAM	8	4	20.13	20.40	20.26		
3	64QAM	8	7	20.14	20.30	20.22		
3	64QAM	15	0	20.10	20.21	20.08		
3	256QAM	1	0	17.95	18.17	18.20	19.5	3.5
3	256QAM	1	8	18.20	18.28	18.28		
3	256QAM	1	14	18.10	18.30	18.13		
3	256QAM	8	0	18.01	18.30	18.20	19.5	3.5
3	256QAM	8	4	18.02	18.13	18.09		
3	256QAM	8	7	18.07	18.25	18.04		
3	256QAM	15	0	18.11	18.21	18.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.65	21.91	21.77	23	0
1.4	QPSK	1	3	21.56	21.59	21.67		
1.4	QPSK	1	5	21.58	21.80	21.58		
1.4	QPSK	3	0	21.62	21.65	21.60		
1.4	QPSK	3	1	21.49	21.64	21.55		
1.4	QPSK	3	3	21.41	21.64	21.51		
1.4	QPSK	6	0	21.26	21.67	21.52	23	0
1.4	16QAM	1	0	21.43	21.53	21.56	23	0
1.4	16QAM	1	3	21.38	21.63	21.60		
1.4	16QAM	1	5	21.39	21.53	21.68		
1.4	16QAM	3	0	21.00	21.33	21.05		
1.4	16QAM	3	1	21.52	21.75	21.55		
1.4	16QAM	3	3	21.56	21.65	21.49		
1.4	16QAM	6	0	21.10	21.37	21.26	22.5	0.5
1.4	64QAM	1	0	20.99	21.19	21.08	22.5	0.5
1.4	64QAM	1	3	20.91	21.04	21.10		
1.4	64QAM	1	5	21.04	21.16	21.04		
1.4	64QAM	3	0	21.04	21.02	20.93		
1.4	64QAM	3	1	20.99	21.09	20.95		
1.4	64QAM	3	3	20.88	21.11	20.84		
1.4	64QAM	6	0	19.67	20.13	19.93	21.5	1.5
1.4	256QAM	1	0	17.83	17.88	17.98	19.5	3.5
1.4	256QAM	1	3	17.70	18.04	18.05		
1.4	256QAM	1	5	17.82	17.87	18.03		
1.4	256QAM	3	0	17.54	17.68	17.52		
1.4	256QAM	3	1	17.88	18.05	17.97		
1.4	256QAM	3	3	17.52	18.05	17.84		
1.4	256QAM	6	0	17.93	18.17	18.04	19.5	3.5

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.49	16.54		18	0
20	QPSK	1	49	16.36	16.54	16.36		
20	QPSK	1	99	16.33	16.33	16.53		
20	QPSK	50	0	16.52	16.59	16.56	18	0
20	QPSK	50	24	16.39	16.58	16.25		
20	QPSK	50	50	16.43	16.39	16.42		
20	QPSK	100	0	16.46	16.50	16.35		
20	16QAM	1	0	16.51	16.51	16.35	18	0
20	16QAM	1	49	16.53	16.45	16.47		
20	16QAM	1	99	16.54	16.33	16.61		
20	16QAM	50	0	16.46	16.46	16.57	18	0
20	16QAM	50	24	16.52	16

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.50	21.65	21.84	23	0
20	QPSK	1	49	21.48	21.60	21.53		
20	QPSK	1	99	21.30	21.59	21.59		
20	QPSK	50	0	21.44	21.61	21.51		
20	QPSK	50	24	21.41	21.47	21.50		
20	QPSK	50	50	21.38	21.32	21.43		
20	QPSK	100	0	21.43	21.55	21.51		
20	16QAM	1	0	21.42	21.39	21.42	23	0
20	16QAM	1	49	21.32	21.36	21.34		
20	16QAM	1	99	21.39	21.33	21.56		
20	16QAM	50	0	20.85	20.80	20.99	22.5	0.5
20	16QAM	50	24	20.80	20.93	20.94		
20	16QAM	50	50	20.90	20.87	21.07		
20	16QAM	100	0	20.91	20.85	20.97		
20	64QAM	1	0	20.86	20.95	20.96	22.5	0.5
20	64QAM	1	49	20.84	20.82	20.97		
20	64QAM	1	99	20.85	20.86	21.06		
20	64QAM	50	0	19.88	19.95	20.06	21.5	1.5
20	64QAM	50	24	19.92	19.86	20.03		
20	64QAM	50	50	19.85	19.80	20.03		
20	64QAM	100	0	19.84	19.85	19.92		
20	256QAM	1	0	17.84	17.86	18.03	19.5	3.5
20	256QAM	1	49	17.86	17.80	18.00		
20	256QAM	1	99	17.82	17.89	17.97		
20	256QAM	50	0	17.84	17.86	17.95	19.5	3.5
20	256QAM	50	24	17.89	17.81	18.06		
20	256QAM	50	50	17.81	17.86	17.94		
20	256QAM	100	0	17.85	17.89	17.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.35	21.60	21.48	23	0
15	QPSK	1	37	21.41	21.56	21.43		
15	QPSK	1	74	21.11	21.39	21.55		
15	QPSK	36	0	21.31	21.57	21.51		
15	QPSK	36	20	21.31	21.35	21.50		
15	QPSK	36	39	21.26	21.24	21.31		
15	QPSK	75	0	21.42	21.36	21.51		
15	16QAM	1	0	21.34	21.19	21.32	23	0
15	16QAM	1	37	21.27	21.32	21.34		
15	16QAM	1	74	21.24	21.18	21.54		
15	16QAM	36	0	20.80	20.80	20.99	22.5	0.5
15	16QAM	36	20	20.62	20.80	20.79		
15	16QAM	36	39	20.80	20.82	20.96		
15	16QAM	75	0	20.89	20.70	20.77		
15	64QAM	1	0	20.84	20.88	20.87	22.5	0.5
15	64QAM	1	37	20.78	20.65	20.95		
15	64QAM	1	74	20.76	20.73	20.87		
15	64QAM	36	0	19.75	19.93	19.99	21.5	1.5
15	64QAM	36	20	19.77	19.72	20.01		
15	64QAM	36	39	19.66	19.72	19.86		
15	64QAM	75	0	19.77	19.79	19.81		
15	256QAM	1	0	17.70	17.76	17.86	19.5	3.5
15	256QAM	1	37	17.67	17.87	17.96		
15	256QAM	1	74	17.66	17.86	17.95		
15	256QAM	36	0	17.77	17.77	17.94	19.5	3.5
15	256QAM	36	20	17.79	17.80	17.99		
15	256QAM	36	39	17.77	17.76	17.78		
15	256QAM	75	0	17.86	17.80	17.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.39	21.53	21.53	23	0
10	QPSK	1	25	21.34	21.53	21.50		
10	QPSK	1	49	21.15	21.54	21.44		
10	QPSK	25	0	21.37	21.59	21.37	23	0
10	QPSK	25	12	21.21	21.42	21.30		
10	QPSK	25	25	21.27	21.19	21.37		
10	QPSK	50	0	21.39	21.39	21.42		
10	16QAM	1	0	21.25	21.23	21.34	23	0
10	16QAM	1	25	21.22	21.20	21.35		
10	16QAM	1	49	21.19	21.27	21.55		
10	16QAM	25	0	20.77	20.73	20.99	22.5	0.5
10	16QAM	25	12	20.74	20.89	20.85		
10	16QAM	25	25	20.91	20.70	20.96		
10	16QAM	50	0	20.71	20.69	20.94	22.5	0.5
10	64QAM	1	0	20.86	20.78	20.86		
10	64QAM	1	25	20.77	20.71	20.96		
10	64QAM	1	49	20.71	20.75	20.98		
10	64QAM	25	0	19.78	19.89	19.88	21.5	1.5
10	64QAM	25	12	19.84	19.67	20.02		
10	64QAM	25	25	19.74	19.64	20.06		
10	64QAM	50	0	19.75	19.69	19.77		
10	256QAM	1	0	17.64	17.78	17.91	19.5	3.5
10	256QAM	1	25	17.70	17.70	17.90		
10	256QAM	1	49	17.75	17.80	17.93		
10	256QAM	25	0	17.81	17.84	17.87	19.5	3.5
10	256QAM	25	12	17.84	17.63	17.89		
10	256QAM	25	25	17.76	17.75	17.76		
10	256QAM	50	0	17.84	17.70	17.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.30	21.59	21.61	23	0
5	QPSK	1	12	21.43	21.48	21.40		
5	QPSK	1	24	21.27	21.59	21.57		
5	QPSK	12	0	21.37	21.58	21.54	23	0
5	QPSK	12	7	21.35	21.37	21.35		
5	QPSK	12	13	21.33	21.20	21.24		
5	QPSK	25	0	21.36	21.36	21.35		
5	16QAM	1	0	21.24	21.27	21.27	23	0
5	16QAM	1	12	21.19	21.30	21.46		
5	16QAM	1	24	21.21	21.13	21.51		
5	16QAM	12	0	20.72	20.65	20.97	22.5	0.5
5	16QAM	12	7	20.80	20.80	20.83		
5	16QAM	12	13	20.81	20.79	20.95		
5	16QAM	25	0	20.72	20.84	20.87		
5	64QAM	1	0	20.71	20.94	20.92	22.5	0.5
5	64QAM	1	12	20.83	20.80	20.90		
5	64QAM	1	24	20.67	20.78	20.92		
5	64QAM	12	0	19.83	19.88	20.01	21.5	1.5
5	64QAM	12	7	19.91	19.82	19.99		
5	64QAM	12	13	19.73	19.73	19.99		
5	64QAM	25	0	19.82	19.74	19.76		
5	256QAM	1	0	17.74	17.67	18.00	19.5	3.5
5	256QAM	1	12	17.82	17.61	17.80		
5	256QAM	1	24	17.76	17.72	17.78		
5	256QAM	12	0	17.66	17.78	17.78	19.5	3.5
5	256QAM	12	7	17.86	17.64	18.01		
5	256QAM	12	13	17.73	17.86	17.77		
5	256QAM	25	0	17.86	17.86	17.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.39	21.48	21.59	23	0
3	QPSK	1	8	21.28	21.57	21.44		
3	QPSK	1	14	21.13	21.42	21.57		
3	QPSK	8	0	21.42	21.44	21.50	23	0
3	QPSK	8	4	21.35	21.25	21.49		
3	QPSK	8	7	21.21	21.29	21.23		
3	QPSK	15	0	21.40	21.49	21.35		
3	16QAM	1	0	21.39	21.20	21.25	23	0
3	16QAM	1	8	21.15	21.31	21.37		
3	16QAM	1	14	21.32	21.18	21.47		
3	16QAM	8	0	20.68	20.78	20.89	22.5	0.5
3	16QAM	8	4	20.75	20.76	20.92		
3	16QAM	8	7	20.73	20.80	21.02		
3	16QAM	15	0	20.84	20.66	20.80		
3	64QAM	1	0	20.75	20.95	20.90	22.5	0.5
3	64QAM	1	8	20.75	20.73	20.93		
3	64QAM	1	14	20.77	20.86	20.83		
3	64QAM	8	0	19.84	19.87	20.00	21.5	1.5
3	64QAM	8	4	19.90	19.74	19.94		
3	64QAM	8	7	19.82	19.65	19.85		
3	64QAM	15	0	19.81	19.73	19.74		
3	256QAM	1	0	17.83	17.66	17.85	19.5	3.5
3	256QAM	1	8	17.70	17.75	17.92		
3	256QAM	1	14	17.63	17.77	17.86		
3	256QAM	8	0	17.83	17.71	17.84	19.5	3.5
3	256QAM	8	4	17.77	17.78	18.02		
3	256QAM	8	7	17.62	17.72	17.90		
3	256QAM	15	0	17.80	17.80	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.33	21.60	21.62	23	0
1.4	QPSK	1	3	21.31	21.57	21.52		
1.4	QPSK	1	5	21.10	21.39	21.47		
1.4	QPSK	3	0	21.33	21.51	21.41		
1.4	QPSK	3	1	21.27	21.29	21.30		
1.4	QPSK	3	3	21.38	21.32	21.30		
1.4	QPSK	6	0	21.28	21.40	21.38	23	0
1.4	16QAM	1	0	21.38	21.27	21.41	23	0
1.4	16QAM	1	3	21.15	21.20	21.44		
1.4	16QAM	1	5	21.28	21.33	21.55		
1.4	16QAM	3	0	21.22	21.22	21.50		
1.4	16QAM	3	1	21.10	21.19	21.43		
1.4	16QAM	3	3	21.20	21.14	21.36		
1.4	16QAM	6	0	20.84	20.72	20.88	22.5	0.5
1.4	64QAM	1	0	20.72	20.94	20.85	22.5	0.5
1.4	64QAM	1	3	20.78	20.69	20.87		
1.4	64QAM	1	5	20.66	20.67	20.82		
1.4	64QAM	3	0	20.64	20.50	20.82		
1.4	64QAM	3	1	20.55	20.64	20.82		
1.4	64QAM	3	3	20.66	20.54	20.63		
1.4	64QAM	6	0	19.73	19.68	19.83	21.5	1.5
1.4	256QAM	1	0	17.82	17.72	17.86	19.5	3.5
1.4	256QAM	1	3	17.80	17.76	17.85		
1.4	256QAM	1	5	17.69	17.70	17.90		
1.4	256QAM	3	0	17.64	17.83	17.89		
1.4	256QAM	3	1	17.70	17.67	17.99		
1.4	256QAM	3	3	17.68	17.82	17.77		
1.4	256QAM	6	0	17.79	17.81	17.92	19.5	3.5

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.62	24.69	24.65	25.5	0
20	QPSK	1	49	24.61	24.67	24.61		
20	QPSK	1	99	24.56	24.64	24.63		
20	QPSK	50	0	23.61	23.73	23.70		
20	QPSK	50	24	23.46	23.69	23.68	24.5	1
20	QPSK	50	50	23.59	23.64	23.68		
20	QPSK	100	0	23.60	23.70	23.65		
20	16QAM	1	0	23.80	23.86	23.95	24.5	1
20	16QAM	1	49	23.79	23.87	23.91		
20	16QAM	1	99	23.75	23.85	23.86		
20	16QAM	50	0	22.41	22.69	22.74	23.5	2
20	16QAM	50	24	22.57	22.67	22.72		
20	16QAM	50	50	22.57	22.61	22.79		
20	16QAM	100	0	22.56	22.65	22.70		
20	64QAM	1	0	22.64	22.76	22.79	23.5	2
20	64QAM	1	49	22.63	22.77	22.80		
20	64QAM	1	99	22.62	22.72	22.73		
20	64QAM	50	0	21.43	21.68	21.70	22.5	3
20	64QAM	50	24	21.59	21.62	21.71		
20	64QAM	50	50	21.59	21.62	21.76		
20	64QAM	100	0	21.58	21.61	21.69		
20	256QAM	1	0	19.57	19.66	19.63	20.5	5
20	256QAM	1	49	19.56	19.65	19.61		
20	256QAM	1	99	19.40	19.45	19.39		
20	256QAM	50	0	19.61	19.63	19.62	20.5	5
20	256QAM	50	24	19.60	19.66	19.61		
20	256QAM	50	50	19.33	19.44	19.33		
20	256QAM	100	0	19.51	19.59	19.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.55	24.87	24.61	25.5	0
15	QPSK	1	37	24.52	24.81	24.55		
15	QPSK	1	74	24.53	24.57	24.56		
15	QPSK	36	0	23.58	23.82	23.80	24.5	1
15	QPSK	36	20	23.38	23.57	23.67		
15	QPSK	36	39	23.53	23.80	23.58		
15	QPSK	75	0	23.50	23.80	23.63		
15	16QAM	1	0	23.73	23.85	23.93	24.5	1
15	16QAM	1	37	23.71	23.77	23.88		
15	16QAM	1	74	23.69	23.82	23.81		
15	16QAM	36	0	22.36	22.68	22.68	23.5	2
15	16QAM	36	20	22.52	22.61	22.64		
15	16QAM	36	39	22.48	22.68	22.74		
15	16QAM	75	0	22.53	22.56	22.69		
15	64QAM	1	0	22.63	22.70	22.70	23.5	2
15	64QAM	1	37	22.61	22.67	22.70		
15	64QAM	1	74	22.54	22.77	22.68		
15	64QAM	36	0	21.38	21.56	21.69	22.5	3
15	64QAM	36	20	21.58	21.54	21.61		
15	64QAM	36	39	21.56	21.53	21.73		
15	64QAM	75	0	21.51	21.64	21.64		
15	256QAM	1	0	19.45	19.65	19.62	20.5	5
15	256QAM	1	37	19.53	19.62	19.50		
15	256QAM	1	74	19.32	19.33	19.29		
15	256QAM	36	0	19.53	19.58	19.54	20.5	5
15	256QAM	36	20	19.56	19.65	19.55		
15	256QAM	36	39	19.29	19.41	19.27		
15	256QAM	75	0	19.49	19.53	19.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.58	24.86	24.53	25.5	0
10	QPSK	1	25	24.54	24.59	24.55		
10	QPSK	1	49	24.55	24.60	24.59		
10	QPSK	25	0	23.50	23.84	23.84	24.5	1
10	QPSK	25	12	23.38	23.60	23.58		
10	QPSK	25	25	23.58	23.63	23.57		
10	QPSK	50	0	23.52	23.63	23.62		
10	16QAM	1	0	23.69	23.77	23.86	24.5	1
10	16QAM	1	25	23.69	23.75	23.89		
10	16QAM	1	49	23.70	23.83	23.84		
10	16QAM	25	0	22.34	22.60	22.68	23.5	2
10	16QAM	25	12	22.52	22.62	22.65		
10	16QAM	25	25	22.49	22.60	22.64		
10	16QAM	50	0	22.48	22.54	22.67		
10	64QAM	1	0	22.54	22.75	22.75	23.5	2
10	64QAM	1	25	22.53	22.67	22.73		
10	64QAM	1	49	22.60	22.71	22.72		
10	64QAM	25	0	21.40	21.58	21.64	22.5	3
10	64QAM	25	12	21.50	21.59	21.67		
10	64QAM	25	25	21.52	21.51	21.72		
10	64QAM	50	0	21.44	21.54	21.61		
10	256QAM	1	0	19.46	19.57	19.57	20.5	5
10	256QAM	1	25	19.49	19.55	19.60		
10	256QAM	1	49	19.39	19.44	19.30		
10	256QAM	25	0	19.54	19.54	19.61	20.5	5
10	256QAM	25	12	19.50	19.65	19.58		
10	256QAM	25	25	19.21	19.36	19.24		
10	256QAM	50	0	19.43	19.51	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.53	24.83	24.55	25.5	0
5	QPSK	1	12	24.60	24.64	24.51		
5	QPSK	1	24	24.55	24.62	24.59		
5	QPSK	12	0	23.54	23.76	23.67	24.5	1
5	QPSK	12	7	23.39	23.67	23.59		
5	QPSK	12	13	23.54	23.54	23.67		
5	QPSK	25	0	23.58	23.60	23.62		
5	16QAM	1	0	23.71	23.79	23.93	24.5	1
5	16QAM	1	12	23.77	23.77	23.85		
5	16QAM	1	24	23.66	23.78	23.74		
5	16QAM	12	0	22.38	22.67	22.73	23.5	2
5	16QAM	12	7	22.54	22.72	22.66		
5	16QAM	12	13	22.55	22.58	22.74		
5	16QAM	25	0	22.47	22.54	22.67		
5	64QAM	1	0	22.54	22.64	22.74	23.5	2
5	64QAM	1	12	22.52	22.68	22.74		
5	64QAM	1	24	22.60	22.65	22.66		
5	64QAM	12	0	21.38	21.56	21.59	22.5	3
5	64QAM	12	7	21.55	21.51	21.66		
5	64QAM	12	13	21.56	21.52	21.66		
5	64QAM	25	0	21.49	21.53	21.57		
5	256QAM	1	0	19.55	19.54	19.60	20.5	5
5	256QAM	1	12	19.51	19.64	19.58		
5	256QAM	1	24	19.37	19.40	19.27		
5	256QAM	12	0	19.57	19.55	19.52	20.5	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.29	19.32	19.28		
5	256QAM	25	0	19.44	19.56	19.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.51	24.59	24.63	25.5	0
3	QPSK	1	8	24.58	24.82	24.56		
3	QPSK	1	14	24.44	24.63	24.60		
3	QPSK	8	0	23.56	23.61	23.64	24.5	1
3	QPSK	8	4	23.38	23.63	23.64		
3	QPSK	8	7	23.53	23.62	23.58		
3	QPSK	15	0	23.53	23.65	23.54		
3	16QAM	1	0	23.72	23.79	23.84	24.5	1
3	16QAM	1	8	23.72	23.80	23.85		
3	16QAM	1	14	23.74	23.78	23.74		
3	16QAM	8	0	22.37	22.60	22.62	23.5	2
3	16QAM	8	4	22.49	22.80	22.71		
3	16QAM	8	7	22.50	22.54	22.69		
3	16QAM	15	0	22.49	22.61	22.61		
3	64QAM	1	0	22.61	22.73	22.73	23.5	2
3	64QAM	1	8	22.58	22.69	22.75		
3	64QAM	1	14	22.50	22.66	22.63		
3	64QAM	8	0	21.36	21.56	21.62	22.5	3
3	64QAM	8	4	21.50	21.51	21.62		
3	64QAM	8	7	21.56	21.56	21.67		
3	64QAM	15	0	21.52	21.64	21.58		
3	256QAM	1	0	19.54	19.63	19.52	20.5	5
3	256QAM	1	8	19.50	19.63	19.49		
3	256QAM	1	14	19.39	19.34	19.27		
3	256QAM	8	0	19.49	19.62	19.52	20.5	5
3	256QAM	8	4	19.52	19.66	19.56		
3	256QAM	8	7	19.22	19.39	19.23		
3	256QAM	15	0	19.45	19.52	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.59	24.65	24.58	25.5	0
1.4	QPSK	1	3	24.57	24.61	24.58		
1.4	QPSK	1	5	24.55	24.56	24.52		
1.4	QPSK	3	0	24.50	24.62	24.52		
1.4	QPSK	3	1	24.56	24.55	24.48		
1.4	QPSK	3	3	24.49	24.49	24.43		
1.4	QPSK	6	0	23.56	23.59	23.62	24.5	1
1.4	16QAM	1	0	23.79	23.79	23.88	24.5	1
1.4	16QAM	1	3	23.75	23.84	23.84		
1.4	16QAM	1	5	23.63	23.84	23.85		
1.4	16QAM	3	0	23.75	23.78	23.86		
1.4	16QAM	3	1	23.71	23.72	23.82		
1.4	16QAM	3	3	23.52	23.82	23.78		
1.4	16QAM	6	0	22.45	22.53	22.58	23.5	2
1.4	64QAM	1	0	22.56	22.75	22.69	23.5	2
1.4	64QAM	1	3	22.55	22.74	22.79		
1.4	64QAM	1	5	22.56	22.67	22.66		
1.4	64QAM	3	0	22.48	22.69	22.68		
1.4	64QAM	3	1	22.48	22.65	22.75		
1.4	64QAM	3	3	22.46	22.60	22.65		
1.4	64QAM	6	0	21.52	21.55	21.59	22.5	3
1.4	256QAM	1	0	19.49	19.63	19.55	20.5	5
1.4	256QAM	1	3	19.51	19.58	19.51		
1.4	256QAM	1	5	19.32	19.43	19.38		
1.4	256QAM	3	0	19.55	19.55	19.54		
1.4	256QAM	3	1	19.51	19.55	19.59		
1.4	256QAM	3	3	19.23	19.34	19.26		
1.4	256QAM	6	0	19.47	19.48	19.41	20.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.68	24.65	25.5	0
10	QPSK	1	25	24.55	24.56	24.64		
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64	24.5	1
10	QPSK	25	12	23.53	23.52	23.62		
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82	24.5	1
10	16QAM	1	25	23.73	23.82	23.81		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.80	16.87	16.83	18	0
20	QPSK	1	49	16.67	16.65	16.82		
20	QPSK	1	99	16.76	16.67	16.76		
20	QPSK	50	0	16.71	16.72	16.68	18	0
20	QPSK	50	24	16.68	16.58	16.61		
20	QPSK	50	50	16.66	16.61	16.63		
20	QPSK	100	0	16.56	16.65	16.49		
20	16QAM	1	0	16.58	16.68	16.66	18	0
20	16QAM	1	49	16.53	16.67	16.78		
20	16QAM	1	99	16.79	16.67	16.57		
20	16QAM	50	0	16.69	16.69	16.61	18	0
20	16QAM	50	24	16.61	16.68	16.58		
20	16QAM	50	50	16.80	16.65	16.58		
20	16QAM	100	0	16.54	16.60	16.65		
20	64QAM	1	0	16.70	16.62	16.61	18	0
20	64QAM	1	49	16.83	16.65	16.62		
20	64QAM	1	99	16.67	16.73	16.70		
20	64QAM	50	0	16.55	16.59	16.56	18	0
20	64QAM	50	24	16.56	16.75	16.62		
20	64QAM	50	50	16.71	16.63	16.69		
20	64QAM	100	0	16.54	16.69	16.47		
20	256QAM	1	0	16.70	16.62	16.42	18	0
20	256QAM	1	49	16.66	16.58	16.51		
20	256QAM	1	99	16.65	16.53	16.54		
20	256QAM	50	0	16.59	16.51	16.48	18	0
20	256QAM	50	24	16.61	16.69	16.67		
20	256QAM	50	50	16.52	16.45	16.56		
20	256QAM	100	0	16.41	16.41	16.39		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.62	16.83	16.74	18	0
15	QPSK	1	37	16.60	16.61	16.83		
15	QPSK	1	74	16.78	16.83	16.74		
15	QPSK	36	0	16.77	16.80	16.77	18	0
15	QPSK	36	20	16.55	16.57	16.71		
15	QPSK	36	39	16.67	16.55	16.54		
15	QPSK	75	0	16.63	16.74	16.66	18	0
15	16QAM	1	0	16.62	16.60	16.72		
15	16QAM	1	37	16.52	16.58	16.71		
15	16QAM	1	74	16.63	16.63	16.68		
15	16QAM	36	0	16.71	16.71	16.72	18	0
15	16QAM	36	20	16.60	16.54	16.70		
15	16QAM	36	39	16.79	16.65	16.58		
15	16QAM	75	0	16.53	16.70	16.64		
15	64QAM	1	0	16.72	16.75	16.51	18	0
15	64QAM	1	37	16.76	16.69	16.70		
15	64QAM	1	74	16.84	16.63	16.79		
15	64QAM	36	0	16.64	16.66	16.61	18	0
15	64QAM	36	20	16.63	16.61	16.63		
15	64QAM	36	39	16.71	16.70	16.51		
15	64QAM	75	0	16.60	16.65	16.67		
15	256QAM	1	0	16.52	16.63	16.58	18	0
15	256QAM	1	37	16.57	16.53	16.46		
15	256QAM	1	74	16.68	16.43	16.55		
15	256QAM	36	0	16.56	16.43	16.49	18	0
15	256QAM	36	20	16.51	16.64	16.66		
15	256QAM	36	39	16.48	16.59	16.48		
15	256QAM	75	0	16.55	16.54	16.52		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.64	16.74	16.69	18	0
10	QPSK	1	25	16.69	16.62	16.81		
10	QPSK	1	49	16.59	16.66	16.74		
10	QPSK	25	0	16.61	16.73	16.74	18	0
10	QPSK	25	12	16.53	16.66	16.60		
10	QPSK	25	25	16.70	16.64	16.62		
10	QPSK	50	0	16.52	16.63	16.64	18	0
10	16QAM	1	0	16.74	16.58	16.70		
10	16QAM	1	25	16.51	16.62	16.70		
10	16QAM	1	49	16.79	16.74	16.61		
10	16QAM	25	0	16.76	16.71	16.54	18	0
10	16QAM	25	12	16.67	16.57	16.73		
10	16QAM	25	25	16.74	16.56	16.69		
10	16QAM	50	0	16.57	16.61	16.59		
10	64QAM	1	0	16.63	16.55	16.65	18	0
10	64QAM	1	25	16.64	16.71	16.71		
10	64QAM	1	49	16.77	16.66	16.71		
10	64QAM	25	0	16.71	16.64	16.57	18	0
10	64QAM	25	12	16.69	16.66	16.62		
10	64QAM	25	25	16.78	16.66	16.70		
10	64QAM	50	0	16.63	16.56	16.47		
10	256QAM	1	0	16.54	16.64	16.49	18	0
10	256QAM	1	25	16.71	16.50	16.45		
10	256QAM	1	49	16.64	16.55	16.49		
10	256QAM	25	0	16.56	16.39	16.41	18	0
10	256QAM	25	12	16.62	16.55	16.64		
10	256QAM	25	25	16.51	16.48	16.49		
10	256QAM	50	0	16.46	16.51	16.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.69	16.73	16.73	18	0
5	QPSK	1	12	16.64	16.64	16.83		
5	QPSK	1	24	16.71	16.86	16.74		
5	QPSK	12	0	16.69	16.76	16.78	18	0
5	QPSK	12	7	16.53	16.56	16.75		
5	QPSK	12	13	16.72	16.64	16.65		
5	QPSK	25	0	16.54	16.73	16.64		
5	16QAM	1	0	16.71	16.83	16.71	18	0
5	16QAM	1	12	16.59	16.70	16.82		
5	16QAM	1	24	16.76	16.75	16.52		
5	16QAM	12	0	16.65	16.66	16.70	18	0
5	16QAM	12	7	16.59	16.58	16.60		
5	16QAM	12	13	16.81	16.71	16.68		
5	16QAM	25	0	16.67	16.61	16.63		
5	64QAM	1	0	16.61	16.69	16.65	18	0
5	64QAM	1	12	16.66	16.66	16.67		
5	64QAM	1	24	16.82	16.67	16.89		
5	64QAM	12	0	16.60	16.59	16.57	18	0
5	64QAM	12	7	16.80	16.59	16.68		
5	64QAM	12	13	16.59	16.59	16.59		
5	64QAM	25	0	16.65	16.59	16.57		
5	256QAM	1	0	16.55	16.64	16.48	18	0
5	256QAM	1	12	16.59	16.54	16.47		
5	256QAM	1	24	16.63	16.54	16.39		
5	256QAM	12	0	16.43	16.37	16.47	18	0
5	256QAM	12	7	16.59	16.64	16.53		
5	256QAM	12	13	16.40	16.54	16.49		
5	256QAM	25	0	16.46	16.57	16.53		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.32	24.41	24.39	25.5	0
20	QPSK	1	49	24.25	24.36	24.34		
20	QPSK	1	99	24.19	24.34	24.31		
20	QPSK	50	0	23.39	23.44	23.41	24.5	1
20	QPSK	50	24	23.24	23.36	23.35		
20	QPSK	50	50	23.31	23.41	23.36		
20	QPSK	100	0	23.23	23.39	23.38		
20	16QAM	1	0	23.32	23.41	23.54	24.5	1
20	16QAM	1	49	23.47	23.58	23.55		
20	16QAM	1	99	23.50	23.61	23.54		
20	16QAM	50	0	22.17	22.42	22.41	23.5	2
20	16QAM	50	24	22.20	22.41	22.33		
20	16QAM	50	50	22.39	22.41	22.32		
20	16QAM	100	0	22.21	22.35	22.36		
20	64QAM	1	0	22.28	22.43	22.47	23.5	2
20	64QAM	1	49	22.40	22.52	22.47		
20	64QAM	1	99	22.42	22.54	22.49		
20	64QAM	50	0	21.16	21.44	21.41	22.5	3
20	64QAM	50	24	21.18	21.42	21.32		
20	64QAM	50	50	21.35	21.40	21.35		
20	64QAM	100	0	21.21	21.36	21.35		
20	256QAM	1	0	19.23	19.34	19.31	20.5	5
20	256QAM	1	49	19.28	19.33	19.27		
20	256QAM	1	99	19.43	19.47	19.35		
20	256QAM	50	0	19.20	19.31	19.24	20.5	5
20	256QAM	50	24	19.23	19.33	19.29		
20	256QAM	50	50	19.21	19.28	19.22		
20	256QAM	100	0	19.16	19.25	19.17		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.30	24.30	25.5	0
15	QPSK	1	37	24.19	24.24	24.32		
15	QPSK	1	74	24.09	24.28	24.20		
15	QPSK	36	0	23.27	23.32	23.33	24.5	1
15	QPSK	36	20	23.17	23.26	23.24		
15	QPSK	36	39	23.28	23.37	23.29		
15	QPSK	75	0	23.17	23.34	23.26		
15	16QAM	1	0	23.20	23.31	23.43	24.5	1
15	16QAM	1	37	23.43	23.53	23.50		
15	16QAM	1	74	23.41	23.49	23.44		
15	16QAM	36	0	22.06	22.32	22.29	23.5	2
15	16QAM	36	20	22.19	22.35	22.27		
15	16QAM	36	39	22.27	22.32	22.27		
15	16QAM	75	0	22.13	22.26	22.25		
15	64QAM	1	0	22.20	22.34	22.46	23.5	2
15	64QAM	1	37	22.34	22.50	22.42		
15	64QAM	1	74	22.30	22.51	22.42		
15	64QAM	36	0	21.13	21.34	21.38	22.5	3
15	64QAM	36	20	21.09	21.39	21.23		
15	64QAM	36	39	21.23	21.36	21.27		
15	64QAM	75	0	21.12	21.35	21.24		
15	256QAM	1	0	19.11	19.25	19.26	20.5	5
15	256QAM	1	37	19.27	19.27	19.26		
15	256QAM	1	74	19.37	19.38	19.32		
15	256QAM	36	0	19.14	19.28	19.17	20.5	5
15	256QAM	36	20	19.18	19.25	19.27		
15	256QAM	36	39	19.13	19.24	19.13		
15	256QAM	75	0	19.10	19.15	19.15		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.22	24.29	24.35	25.5	0
10	QPSK	1	25	24.24	24.31	24.28		
10	QPSK	1	49	24.13	24.32	24.26		
10	QPSK	25	0	23.34	23.42	23.36	24.5	1
10	QPSK	25	12	23.20	23.28	23.29		
10	QPSK	25	25	23.24	23.33	23.35		
10	QPSK	50	0	23.20	23.28	23.37		
10	16QAM	1	0	23.31	23.32	23.49	24.5	1
10	16QAM	1	25	23.38	23.53	23.53		
10	16QAM	1	49	23.48	23.54	23.44		
10	16QAM	25	0	22.10	22.39	22.35	23.5	2
10	16QAM	25	12	22.19	22.29	22.29		
10	16QAM	25	25	22.31	22.40	22.26		
10	16QAM	50	0	22.13	22.28	22.31		
10	64QAM	1	0	22.21	22.41	22.41	23.5	2
10	64QAM	1	25	22.29	22.46	22.46		
10	64QAM	1	49	22.39	22.46	22.42		
10	64QAM	25	0	21.07	21.42	21.29	22.5	3
10	64QAM	25	12	21.16	21.32	21.20		
10	64QAM	25	25	21.27	21.36	21.34		
10	64QAM	50	0	21.15	21.26	21.28		
10	256QAM	1	0	19.16	19.27	19.26	20.5	5
10	256QAM	1	25	19.18	19.30	19.19		
10	256QAM	1	49	19.39	19.32	19.32		
10	256QAM	25	0	19.13	19.28	19.12	20.5	5
10	256QAM	25	12	19.17	19.30	19.26		
10	256QAM	25	25	19.19	19.23	19.21		
10	256QAM	50	0	19.08	19.15	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.31	24.39	24.28	25.5	0
5	QPSK	1	12	24.24	24.31	24.24		
5	QPSK	1	24	24.08	24.27	24.26		
5	QPSK	12	0	23.27	23.37	23.33	24.5	1
5	QPSK	12	7	23.20	23.32	23.26		
5	QPSK	12	13	23.25	23.40	23.27		
5	QPSK	25	0	23.12	23.31	23.36		
5	16QAM	1	0	23.26	23.35	23.45	24.5	1
5	16QAM	1	12	23.40	23.50	23.44		
5	16QAM	1	24	23.38	23.50	23.49		
5	16QAM	12	0	22.16	22.40	22.38	23.5	2
5	16QAM	12	7	22.08	22.32	22.30		
5	16QAM	12	13	22.27	22.31	22.28		
5	16QAM	25	0	22.15	22.23	22.28		
5	64QAM	1	0	22.24	22.33	22.35	23.5	2
5	64QAM	1	12	22.38	22.51	22.43		
5	64QAM	1	24	22.34	22.42	22.38		
5	64QAM	12	0	21.06	21.39	21.37	22.5	3
5	64QAM	12	7	21.17	21.40	21.22		
5	64QAM	12	13	21.23	21.34	21.32		
5	64QAM	25	0	21.18	21.24	21.30		
5	256QAM	1	0	19.21	19.30	19.28	20.5	5
5	256QAM	1	12	19.27	19.25	19.18		
5	256QAM	1	24	19.38	19.48	19.24		
5	256QAM	12	0	19.09	19.29	19.20	20.5	5
5	256QAM	12	7	19.20	19.32	19.19		
5	256QAM	12	13	19.16	19.27	19.15		
5	256QAM	25	0	19.07	19.18	19.11		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.49	18.57	18.44	19.5	0
20	QPSK	1	49	18.32	18.38	18.24		
20	QPSK	1	99	18.43	18.50	18.41		
20	QPSK	50	0	18.48	18.55	18.41	19.5	0
20	QPSK	50	24	18.31	18.45	18.29		
20	QPSK	50	50	18.35	18.13	18.40		
20	QPSK	100	0	18.39	18.50	18.38		
20	16QAM	1	0	18.47	18.28	18.53	19.5	0
20	16QAM	1	49	18.28	18.47	18.51		
20	16QAM	1	99	18.39	18.56	18.43		
20	16QAM	50	0	18.50	18.24	18.20	19.5	0
20	16QAM	50	24	18.46	18.48	18.22		
20	16QAM	50	50	18.50	18.43	18.34		
20	16QAM	100	0	18.38	18.27	18.17		
20	64QAM	1	0	18.24	18.33	18.48	19.5	0
20	64QAM	1	49	18.47	18.33	18.42		
20	64QAM	1	99	18.58	18.35	18.46		
20	64QAM	50	0	18.32	18.37	18.41	19.5	0
20	64QAM	50	24	18.46	18.41	18.35		
20	64QAM	50	50	18.34	18.23	18.33		
20	64QAM	100	0	18.34	18.43	18.16		
20	256QAM	1	0	17.52	17.62	17.50	19	0.5
20	256QAM	1	49	17.58	17.64	17.57		
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46	19	0.5
20	256QAM	50	24	17.59	17.56	17.52		
20	256QAM	50	50	17.61	17.63	17.59		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.38	18.52	18.42	19.5	0
15	QPSK	1	37	18.22	18.29	18.13		
15	QPSK	1	74	18.37	18.38	18.32		
15	QPSK	36	0	18.41	18.49	18.46	19.5	0
15	QPSK	36	20	18.28	18.34	18.24		
15	QPSK	36	39	18.26	18.07	18.28		
15	QPSK	75	0	18.32	18.39	18.36		
15	16QAM	1	0	18.36	18.21	18.44	19.5	0
15	16QAM	1	37	18.21	18.45	18.49		
15	16QAM	1	74	18.29	18.45	18.36		
15	16QAM	36	0	18.45	18.16	18.15	19.5	0
15	16QAM	36	20	18.39	18.45	18.14		
15	16QAM	36	39	18.38	18.39	18.08		
15	16QAM	75	0	18.34	18.25	18.05		
15	64QAM	1	0	18.13	18.21	18.45	19.5	0
15	64QAM	1	37	18.35	18.26	18.35		
15	64QAM	1	74	18.46	18.26	18.39		
15	64QAM	36	0	18.30	18.29	18.33	19.5	0
15	64QAM	36	20	18.34	18.34	18.29		
15	64QAM	36	39	18.29	18.11	18.25		
15	64QAM	75	0	18.25	18.37	18.14		
15	256QAM	1	0	17.43	17.50	17.38	19	0.5
15	256QAM	1	37	17.53	17.60	17.45		
15	256QAM	1	74	17.47	17.59	17.54		
15	256QAM	36	0	17.41	17.50	17.41	19	0.5
15	256QAM	36	20	17.47	17.50	17.45		
15	256QAM	36	39	17.56	17.61	17.49		
15	256QAM	75	0	17.31	17.48	17.38		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.37	18.51	18.50	19.5	0
10	QPSK	1	25	18.20	18.35	18.20		
10	QPSK	1	49	18.37	18.42	18.31		
10	QPSK	25	0	18.46	18.44	18.42	19.5	0
10	QPSK	25	12	18.23	18.38	18.18		
10	QPSK	25	25	18.30	18.03	18.34		
10	QPSK	50	0	18.33	18.47	18.31		
10	16QAM	1	0	18.44	18.25	18.47	19.5	0
10	16QAM	1	25	18.18	18.38	18.43		
10	16QAM	1	49	18.28	18.54	18.40		
10	16QAM	25	0	18.38	18.16	18.15	19.5	0
10	16QAM	25	12	18.44	18.44	18.13		
10	16QAM	25	25	18.39	18.32	18.02		
10	16QAM	50	0	18.35	18.15	18.09		
10	64QAM	1	0	18.22	18.29	18.38	19.5	0
10	64QAM	1	25	18.39	18.25	18.38		
10	64QAM	1	49	18.53	18.31	18.43		
10	64QAM	25	0	18.25	18.29	18.36	19.5	0
10	64QAM	25	12	18.36	18.35	18.32		
10	64QAM	25	25	18.28	18.16	18.26		
10	64QAM	50	0	18.28	18.38	18.13		
10	256QAM	1	0	17.50	17.53	17.39	19	0.5
10	256QAM	1	25	17.47	17.55	17.54		
10	256QAM	1	49	17.51	17.52	17.40		
10	256QAM	25	0	17.45	17.52	17.37	19	0.5
10	256QAM	25	12	17.44	17.53	17.40		
10	256QAM	25	25	17.56	17.59	17.54		
10	256QAM	50	0	17.42	17.50	17.43		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.45	18.46	18.43	19.5	0
5	QPSK	1	12	18.29	18.36	18.14		
5	QPSK	1	24	18.40	18.43	18.31		
5	QPSK	12	0	18.47	18.43	18.42	19.5	0
5	QPSK	12	7	18.19	18.35	18.19		
5	QPSK	12	13	18.24	18.02	18.37		
5	QPSK	25	0	18.32	18.45	18.28		
5	16QAM	1	0	18.35	18.24	18.46	19.5	0
5	16QAM	1	12	18.21	18.44	18.41		
5	16QAM	1	24	18.27	18.45	18.33		
5	16QAM	12	0	18.43	18.20	18.16	19.5	0
5	16QAM	12	7	18.34	18.42	18.20		
5	16QAM	12	13	18.38	18.31	18.11		
5	16QAM	25	0	18.36	18.21	18.08		
5	64QAM	1	0	18.20	18.30	18.38	19.5	0
5	64QAM	1	12	18.43	18.31	18.34		
5	64QAM	1	24	18.49	18.26	18.43		
5	64QAM	12	0	18.26	18.34	18.34	19.5	0
5	64QAM	12	7	18.43	18.37	18.24		
5	64QAM	12	13	18.23	18.34	18.23		
5	64QAM	25	0	18.25	18.32	18.08		
5	256QAM	1	0	17.41	17.59	17.41	19	0.5
5	256QAM	1	12	17.47	17.59	17.50		
5	256QAM	1	24	17.50	17.60	17.53		
5	256QAM	12	0	17.51	17.47	17.44	19	0.5
5	256QAM	12	7	17.48	17.49	17.44		
5	256QAM	12	13	17.58	17.53	17.52		
5	256QAM	25	0	17.32	17.46	17.42		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.40	18.59	18.42	19.5	0
20	QPSK	1	49	18.38	18.48	18.39		
20	QPSK	1	99	18.38	18.51	18.37		
20	QPSK	50	0	18.36	18.45	18.37	19.5	0
20	QPSK	50	24	18.28	18.33	18.30		
20	QPSK	50	50	18.32	18.41	18.32		
20	QPSK	100	0	18.27	18.31	18.30		
20	16QAM	1	0	18.40	18.37	18.41	19.5	0
20	16QAM	1	49	18.29	18.48	18.36		
20	16QAM	1	99	18.43	18.25	18.51		
20	16QAM	50	0	18.26	18.36	18.39	19.5	0
20	16QAM	50	24	18.30	18.35

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.78		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.66	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.58		25.5	0
10	QPSK	1	25		24.57			
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.62		24.5	1
10	QPSK	25	12		23.53			
10	QPSK	25	25		23.52			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.76		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.78			
10	16QAM	25	0		22.60		23.5	2
10	16QAM	25	12		22.51			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.54			
10	64QAM	1	0		22.62		23.5	2
10	64QAM	1	25		22.66			
10	64QAM	1	49		22.62			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.51			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.51			
10	256QAM	1	0		19.56		20.5	5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.56			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.48			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.39			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.36	24.45	24.46	25.5	0
5	QPSK	1	12	24.51	24.50	24.51		
5	QPSK	1	24	24.41	24.40	24.43		
5	QPSK	12	0	23.41	23.46	23.52	24.5	1
5	QPSK	12	7	23.30	23.49	23.42		
5	QPSK	12	13	23.40	23.39	23.43		
5	QPSK	25	0	23.36	23.45	23.48		
5	16QAM	1	0	23.69	23.62	23.74	24.5	1
5	16QAM	1	12	23.60	23.66	23.72		
5	16QAM	1	24	23.68	23.63	23.67		
5	16QAM	12	0	22.45	22.53	22.51	23.5	2
5	16QAM	12	7	22.34	22.27	22.39		
5	16QAM	12	13	22.24	22.39	22.42		
5	16QAM	25	0	22.43	22.35	22.48		
5	64QAM	1	0	22.51	22.51	22.50	23.5	2
5	64QAM	1	12	22.51	22.56	22.59		
5	64QAM	1	24	22.54	22.55	22.53		
5	64QAM	12	0	21.39	21.47	21.55	22.5	3
5	64QAM	12	7	21.45	21.41	21.40		
5	64QAM	12	13	21.39	21.29	21.35		
5	64QAM	25	0	21.38	21.37	21.39		
5	256QAM	1	0	19.42	19.42	19.47	20.5	5
5	256QAM	1	12	19.49	19.40	19.53		
5	256QAM	1	24	19.47	19.37	19.54		
5	256QAM	12	0	19.31	19.24	19.40	20.5	5
5	256QAM	12	7	19.46	19.38	19.37		
5	256QAM	12	13	19.38	19.43	19.56		
5	256QAM	25	0	19.28	19.23	19.36		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	24.34	24.56	24.55	25.5	0
3	QPSK	1	8	24.49	24.44	24.54		
3	QPSK	1	14	24.36	24.40	24.43		
3	QPSK	8	0	23.40	23.47	23.51	24.5	1
3	QPSK	8	4	23.30	23.47	23.45		
3	QPSK	8	7	23.40	23.37	23.43		
3	QPSK	15	0	23.45	23.46	23.49		
3	16QAM	1	0	23.64	23.60	23.64	24.5	1
3	16QAM	1	8	23.65	23.64	23.71		
3	16QAM	1	14	23.72	23.65	23.67		
3	16QAM	8	0	22.44	22.48	22.58	23.5	2
3	16QAM	8	4	22.43	22.28	22.42		
3	16QAM	8	7	22.23	22.35	22.37		
3	16QAM	15	0	22.37	22.43	22.53		
3	64QAM	1	0	22.51	22.46	22.51	23.5	2
3	64QAM	1	8	22.61	22.53	22.54		
3	64QAM	1	14	22.57	22.54	22.57		
3	64QAM	8	0	21.40	21.40	21.44	22.5	3
3	64QAM	8	4	21.49	21.40	21.43		
3	64QAM	8	7	21.42	21.28	21.38		
3	64QAM	15	0	21.35	21.30	21.44		
3	256QAM	1	0	19.45	19.44	19.53	20.5	5
3	256QAM	1	8	19.49	19.44	19.53		
3	256QAM	1	14	19.43	19.41	19.51		
3	256QAM	8	0	19.29	19.30	19.41	20.5	5
3	256QAM	8	4	19.36	19.39	19.38		
3	256QAM	8	7	19.35	19.45	19.49		
3	256QAM	15	0	19.26	19.19	19.38		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	24.34	24.45	24.48	25.5	0
1.4	QPSK	1	3	24.40	24.52	24.56		
1.4	QPSK	1	5	24.41	24.45	24.50		
1.4	QPSK	3	0	24.28	24.37	24.38		
1.4	QPSK	3	1	24.35	24.47	24.54		
1.4	QPSK	3	3	24.29	24.34	24.43		
1.4	QPSK	6	0	23.42	23.44	23.51	24.5	1
1.4	16QAM	1	0	23.58	23.57	23.66	24.5	1
1.4	16QAM	1	3	23.60	23.61	23.70		
1.4	16QAM	1	5	23.63	23.62	23.76		
1.4	16QAM	3	0	23.46	23.55	23.58		
1.4	16QAM	3	1	23.53	23.51	23.59		
1.4	16QAM	3	3	23.56	23.50	23.70		
1.4	16QAM	6	0	22.38	22.46	22.43	23.5	2
1.4	64QAM	1	0	22.50	22.51	22.51	23.5	2
1.4	64QAM	1	3	22.56	22.61	22.61		
1.4	64QAM	1	5	22.49	22.48	22.50		
1.4	64QAM	3	0	22.41	22.49	22.46		
1.4	64QAM	3	1	22.47	22.57	22.59		
1.4	64QAM	3	3	22.46	22.38	22.43		
1.4	64QAM	6	0	21.36	21.33	21.41	22.5	3
1.4	256QAM	1	0	19.49	19.46	19.47	20.5	5
1.4	256QAM	1	3	19.40	19.50	19.48		
1.4	256QAM	1	5	19.41	19.43	19.47		
1.4	256QAM	3	0	19.31	19.31	19.36		
1.4	256QAM	3	1	19.38	19.32	19.45		
1.4	256QAM	3	3	19.40	19.42	19.53		
1.4	256QAM	6	0	19.31	19.22	19.37	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.69		24.5	0
10	QPSK	1	25		22.60			
10	QPSK	1	49		22.68			
10	QPSK	25	0		22.65		24.5	0
10	QPSK	25	12		22.53			
10	QPSK	25	25		22.61			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.44		24.5	0
10	16QAM	1	25		22.58			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.12		23.5	1
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.33		23.5	1
10	64QAM	1	25		21.36			
10	64QAM	1	49		21.51			
10	64QAM	25	0		20.27		22.5	2
10	64QAM	25	12		20.14			
10	64QAM	25	25		20.15			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.20		20.5	4
10	256QAM	1	25		18.09			
10	256QAM	1	49		18.10			
10	256QAM	25	0		18.07		20.5	4
10	256QAM	25	12		18.13			
10	256QAM	25	25		18.05			
10	256QAM	50	0		17.99			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.52	22.59	22.59	24.5	0
5	QPSK	1	12	22.55	22.53	22.53		
5	QPSK	1	24	22.62	22.67	22.67		
5	QPSK	12	0	22.54	22.54	22.53	24.5	0
5	QPSK	12	7	22.38	22.53	22.54		
5	QPSK	12	13	22.44	22.56	22.50		
5	QPSK	25	0	22.56	22.40	22.46		
5	16QAM	1	0	22.26	22.40	22.32	24.5	0
5	16QAM	1	12	22.51	22.38	22.51		
5	16QAM	1	24	22.44	22.50	22.59		
5	16QAM	12	0	20.98	20.97	21.04	23.5	1
5	16QAM	12	7	20.99	21.04	21.10		
5	16QAM	12	13	21.24	21.16	21.18		
5	16QAM	25	0	21.12	21.27	21.10		
5	64QAM	1	0	21.15	21.14	21.24	23.5	1
5	64QAM	1	12	21.18	21.18	21.36		
5	64QAM	1	24	21.41	21.32	21.44		
5	64QAM	12	0	20.21	20.07	20.25	22.5	2
5	64QAM	12	7	20.10	20.00	19.99		
5	64QAM	12	13	20.02	20.10	20.13		
5	64QAM	25	0	20.13	20.21	20.25		
5	256QAM	1	0	18.06	18.17	18.18	20.5	4
5	256QAM	1	12	18.05	18.04	17.92		
5	256QAM	1	24	17.93	17.93	17.97		
5	256QAM	12	0	17.95	17.87	17.94	20.5	4
5	256QAM	12	7	17.96	17.97	18.12		
5	256QAM	12	13	17.85	18.04	17.87		
5	256QAM	25	0	17.90	17.79	17.91		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	22.57	22.57	22.65	24.5	0
3	QPSK	1	8	22.48	22.46	22.55		
3	QPSK	1	14	22.60	22.59	22.55		
3	QPSK	8	0	22.63	22.63	22.63	24.5	0
3	QPSK	8	4	22.43	22.43	22.46		
3	QPSK	8	7	22.59	22.50	22.42		
3	QPSK	15	0	22.14	22.17	22.04		
3	16QAM	1	0	22.40	22.28	22.44	24.5	0
3	16QAM	1	8	22.46	22.40	22.41		
3	16QAM	1	14	22.55	22.59	22.58		
3	16QAM	8	0	21.11	21.11	21.01	23.5	1
3	16QAM	8	4	21.03	21.10	21.03		
3	16QAM	8	7	21.06	21.10	21.20		
3	16QAM	15	0	21.09	21.24	21.16		
3	64QAM	1	0	21.33	21.19	21.20	23.5	1
3	64QAM	1	8	21.28	21.25	21.26		
3	64QAM	1	14	21.48	21.38	21.44		
3	64QAM	8	0	20.17	20.18	20.23	22.5	2
3	64QAM	8	4	20.05	20.02	20.00		
3	64QAM	8	7	19.97	20.14	19.95		
3	64QAM	15	0	20.08	20.22	20.14		
3	256QAM	1	0	18.08	18.16	18.19	20.5	4
3	256QAM	1	8	18.02	17.91	17.89		
3	256QAM	1	14	18.08	17.90	18.05		
3	256QAM	8	0	17.94	17.94	17.87	20.5	4
3	256QAM	8	4	18.08	17.98	18.03		
3	256QAM	8	7	17.93	18.00	17.99		
3	256QAM	15	0	17.87	17.81	17.84		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	22.57	22.60	22.61	24.5	0
1.4	QPSK	1	3	22.41	22.41	22.47		
1.4	QPSK	1	5	22.51	22.49	22.64		
1.4	QPSK	3	0	22.58	22.62	22.57		
1.4	QPSK	3	1	22.50	22.42	22.44		
1.4	QPSK	3	3	22.42	22.49	22.57		
1.4	QPSK	6	0	22.19	22.17	22.00	24.5	0
1.4	16QAM	1	0	22.36	22.31	22.31	24.5	0
1.4	16QAM	1	3	22.52	22.41	22.49		
1.4	16QAM	1	5	22.52	22.47	22.44		
1.4	16QAM	3	0	20.95	21.02	21.03		
1.4	16QAM	3	1	21.00	20.97	21.15		
1.4	16QAM	3	3	21.09	21.14	21.15		
1.4	16QAM	6	0	21.23	21.26	21.09	23.5	1
1.4	64QAM	1	0	21.15	21.18	21.29	23.5	1
1.4	64QAM	1	3	21.28	21.29	21.20		
1.4	64QAM	1	5	21.32	21.48	21.48		
1.4	64QAM	3	0	20.16	20.22	20.12		
1.4	64QAM	3	1	20.03	19.94	20.06		
1.4	64QAM	3	3	20.03	20.11	20.05		
1.4	64QAM	6	0	20.11	20.09	20.07	22.5	2
1.4	256QAM	1	0	18.20	18.19	18.18	20.5	4
1.4	256QAM	1	3	18.09	17.90	18.03		
1.4	256QAM	1	5	18.00	18.03	18.10		
1.4	256QAM	3	0	17.91	17.97	17.90		
1.4	256QAM	3	1	18.11	18.10	18.06		
1.4	256QAM	3	3	17.98	17.91	17.99		
1.4	256QAM	6	0	17.89	17.86	17.81	20.5	4

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.66	24.65	25.5	0
10	QPSK	1	25	24.62	24.63	24.60		
10	QPSK	1	49	24.53	24.58	24.47	24.5	1
10	QPSK	25	0	23.61	23.65	23.64		
10	QPSK	25	12	23.58	23.57	23.57		
10	QPSK	25	25	23.53	23.57	23.53		
10	QPSK	50	0	23.59	23.60	23.58		
10	16QAM	1	0	23.77	23.85	23.77		
10	16QAM	1	25	23.71	23.76	23.58	24.5	1
10	16QAM	1	49	23.59	23.77	23.59		
10	16QAM	25	0	22.45	22.59	22.52		
10	16QAM	25	12	22.48	22.63	22.45	23.5	2
10	16QAM	25	25	22.38	22.57	22.55		
10	16QAM	50	0	22.42	22.59	22.43		
10	64QAM	1	0	22.74	22.81	22.66		
10	64QAM	1	25	22.67	22.72	22.63	23.5	2
10	64QAM	1	49	22.59	22.67	22.55		
10	64QAM	25	0	21.47	21.58	21.57		
10	64QAM	25	12	21.59	21.68	21.57	22.5	3
10	64QAM	25	25	21.37	21.57	21.51		
10	64QAM	50	0	21.55	21.58	21.52		
10	256QAM	1	0	19.47	19.58	19.38		
10	256QAM	1	25	19.36	19.51	19.45	20.5	5
10	256QAM	1	49	19.35	19.52	19.46		
10	256QAM	25	0	19.42	19.49	19.35		
10	256QAM	25	12	19.51	19.57	19.38	20.5	5
10	256QAM	25	25	19.42	19.49	19.37		
10	256QAM	50	0	19.31	19.50	19.48		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.56	24.62	24.52	25.5	0
5	QPSK	1	12	24.56	24.41	24.56		
5	QPSK	1	24	24.32	24.50	24.31		
5	QPSK	12	0	23.47	23.45	23.35		
5	QPSK	12	7	23.41	23.28	23.33	24.5	1
5	QPSK	12	13	23.31	23.36	23.39		
5	QPSK	25	0	23.30	23.40	23.34		
5	16QAM	1	0	23.64	23.52	23.46		
5	16QAM	1	12	23.50	23.57	23.36	24.5	1
5	16QAM	1	24	23.27	23.63	23.32		
5	16QAM	12	0	22.15	22.28	22.24		
5	16QAM	12	7	22.34	22.47	22.19	23.5	2
5	16QAM	12	13	22.17	22.32	22.23		
5	16QAM	25	0	22.23	22.35	22.21		
5	64QAM	1	0	22.41	22.53	22.46		
5	64QAM	1	12	22.49	22.56	22.31	23.5	2
5	64QAM	1	24	22.42	22.46	22.26		
5	64QAM	12	0	21.31	21.40	21.32		
5	64QAM	12	7	21.32	21.52	21.25	22.5	3
5	64QAM	12	13	21.14	21.34	21.22		
5	64QAM	25	0	21.24	21.31	21.36		
5	256QAM	1	0	19.18	19.44	19.08		
5	256QAM	1	12	19.14	19.35	19.23	20.5	5
5	256QAM	1	24	19.21	19.33	19.20		
5	256QAM	12	0	19.16	19.21	19.16		
5	256QAM	12	7	19.22	19.44	19.18	20.5	5
5	256QAM	12	13	19.14	19.21	19.06		
5	256QAM	25	0	19.05	19.23	19.32		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.80	23.85	23.83		
10	QPSK	1	25	23.79	23.78	23.77	25.5	0
10	QPSK	1	49	23.57	23.74	23.62		
10	QPSK	25	0	22.69	22.73	22.71		
10	QPSK	25	12	22.66	22.67	22.68	24.5	1
10	QPSK	25	25	22.58	22.68	22.68		
10	QPSK	50	0	22.65	22.69	22.65		
10	16QAM	1	0	22.92	22.93	22.82		
10	16QAM	1	25	22.87	22.85	22.70	24.5	1
10	16QAM	1	49	22.78	22.83	22.65		
10	16QAM	25	0	21.64	21.65	21.61		
10	16QAM	25	12	21.67	21.69	21.59	23.5	2
10	16QAM	25	25	21.63	21.63	21.63		
10	16QAM	50	0	21.62	21.61	21.60		
10	64QAM	1	0	21.78	21.89	21.70		
10	64QAM	1	25	21.74	21.80	21.65	23.5	2
10	64QAM	1	49	21.63	21.77	21.57		
10	64QAM	25	0	20.61	20.63	20.55		
10	64QAM	25	12	20.64	20.73	20.68	22.5	3
10	64QAM	25	25	20.74	20.76	20.59		
10	64QAM	50	0	20.60	20.91	20.76		
10	256QAM	1	0	18.62	18.87	18.56		
10	256QAM	1	25	18.50	18.60	18.60	20.5	5
10	256QAM	1	49	18.61	18.61	18.50		
10	256QAM	25	0	18.57	18.58	18.58		
10	256QAM	25	12	18.50	18.65	18.65	20.5	5
10	256QAM	25	25	18.52	18.55	18.56		
10	256QAM	50	0	18.54	18.57	18.57		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.75	23.75	25.5	0
5	QPSK	1	12	23.72	23.67	23.75		
5	QPSK	1	24	23.50	23.72	23.56		
5	QPSK	12	0	22.57	22.62	22.62		
5	QPSK	12	7	22.57	22.65	22.56	24.5	1
5	QPSK	12	13	22.53	22.66	22.56		
5	QPSK	25	0	22.55	22.62	22.63		
5	16QAM	1	0	22.66	22.81	22.77		
5	16QAM	1	12	22.57	22.77	22.66	24.5	1
5	16QAM	1	24	22.76	22.78	22.61		
5	16QAM	12	0	21.58	21.59	21.64		
5	16QAM	12	7	21.60	21.61	21.53	23.5	2
5	16QAM	12	13	21.58	21.53	21.60		
5	16QAM	25	0	21.53	21.54	21.56		
5	64QAM	1	0	21.67	21.82	21.65		
5	64QAM	1	12	21.72	21.78	21.59	23.5	2
5	64QAM	1	24	21.55	21.68	21.54		
5	64QAM	12	0	20.64	20.60	20.50		
5	64QAM	12	7	20.52	20.71	20.56	22.5	3
5	64QAM	12	13	20.67	20.66	20.52		
5	64QAM	25	0	20.52	20.86	20.69		
5	256QAM	1	0	18.59	18.65	18.54		
5	256QAM	1	12	18.58	18.64	18.50	20.5	5
5	256QAM	1	24	18.51	18.64	18.54		
5	256QAM	12	0	18.63	18.62	18.52		
5	256QAM	12	7	18.53	18.58	18.55	20.5	5
5	256QAM	12	13	18.63	18.61	18.64		
5	256QAM	25	0	18.59	18.50	18.52		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61		
15	QPSK	36	20	23.60	23.62	23.66	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.71	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.60	21.72	21.71		
15	256QAM	1	0	19.60	19.62	19.60		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.55		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.83	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.58	23.59		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77		
10	64QAM	1	25	22.62	22.71	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.78		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.58		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.48	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.82	22.83	22.67		
5	64QAM	1	12	22.87	22.87	22.80	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.52		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.69	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.48	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.54	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.57	22.68	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.29	22.39	22.32		
15	QPSK	1	37	22.25	22.33	22.26	24	0
15	QPSK	1	74	22.26	22.23	22.29		
15	QPSK	36	0	22.34	22.37	22.35		
15	QPSK	36	20	22.31	22.29	22.33	24	0
15	QPSK	36	39	22.33	22.35	22.32		
15	QPSK	75	0	22.30	22.35	22.32		
15	16QAM	1	0	22.28	22.31	22.28		
15	16QAM	1	37	22.30	22.29	22.15	24	0
15	16QAM	1	74	22.23	22.28	22.25		
15	16QAM	36	0	21.84	21.87	22.03		
15	16QAM	36	20	21.88	21.90	21.98	23.5	0.5
15	16QAM	36	39	21.90	21.94	21.84		
15	16QAM	75	0	21.87	21.93	21.95		
15	64QAM	1	0	21.89	22.00	22.11		
15	64QAM	1	37	22.05	22.08	22.11	23.5	0.5
15	64QAM	1	74	22.01	22.04	22.08		
15	64QAM	36	0	20.82	20.88	21.00		
15	64QAM	36	20	20.89	20.92	20.98	22.5	1.5
15	64QAM	36	39	20.88	20.93	20.84		
15	64QAM	75	0	20.85	20.92	20.92		
15	256QAM	1	0	18.64	18.80	18.64		
15	256QAM	1	37	18.73	18.83	18.64	20.5	3.5
15	256QAM	1	74	18.76	18.91	18.67		
15	256QAM	36	0	18.83	18.97	18.71		
15	256QAM	36	20	18.78	18.89	18.69	20.5	3.5
15	256QAM	36	39	18.74	18.84	18.68		
15	256QAM	75	0	18.76	18.80	18.80		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.06	22.12	22.16		
10	QPSK	1	25	22.16	22.14	22.12	24	0
10	QPSK	1	49	22.19	22.01	22.15		
10	QPSK	25	0	22.16	22.12	22.09		
10	QPSK	25	12	22.14	22.17	22.08	24	0
10	QPSK	25	25	22.09	22.18	22.00		
10	QPSK	50	0	22.19	22.11	22.01		
10	16QAM	1	0	22.07	22.15	22.06		
10	16QAM	1	25	22.10	22.06	22.00	24	0
10	16QAM	1	49	22.00	22.09	22.05		
10	16QAM	25	0	21.67	21.65	21.84		
10	16QAM	25	12	21.74	21.74	21.80	23.5	0.5
10	16QAM	25	25	21.59	21.72	21.68		
10	16QAM	50	0	21.64	21.68	21.64		
10	64QAM	1	0	21.74	21.81	21.82		
10	64QAM	1	25	21.88	21.89	21.81	23.5	0.5
10	64QAM	1	49	21.77	21.86	21.83		
10	64QAM	25	0	20.63	20.68	20.75		
10	64QAM	25	12	20.57	20.65	20.83	22.5	1.5
10	64QAM	25	25	20.62	20.73	20.52		
10	64QAM	50	0	20.71	20.78	20.59		
10	256QAM	1	0	18.67	18.57	18.67		
10	256QAM	1	25	18.63	18.81	18.66	20.5	3.5
10	256QAM	1	49	18.62	18.69	18.69		
10	256QAM	25	0	18.54	18.67	18.57		
10	256QAM	25	12	18.62	18.60	18.58	20.5	3.5
10	256QAM	25	25	18.66	18.67	18.58		
10	256QAM	50	0	18.50	18.55	18.66		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.07	22.00	22.17		
5	QPSK	1	12	22.00	22.05	22.18	24	0
5	QPSK	1	24	22.07	22.16	22.09		
5	QPSK	12	0	22.02	22.16	22.04		
5	QPSK	12	7	22.03	22.04	22.16	24	0
5	QPSK	12	13	22.05	22.11	22.08		
5	QPSK	25	0	22.05	22.00	22.07		
5	16QAM	1	0	22.15	22.15	22.17		
5	16QAM	1	12	22.07	22.04	22.18	24	0
5	16QAM	1	24	22.16	22.01	22.19		
5	16QAM	12	0	21.52	21.55	21.71		
5	16QAM	12	7	21.55	21.56	21.78	23.5	0.5
5	16QAM	12	13	21.61	21.67	21.65		
5	16QAM	25	0	21.60	21.65	21.54		
5	64QAM	1	0	21.60	21.69	21.82		
5	64QAM	1	12	21.68	21.80	21.62	23.5	0.5
5	64QAM	1	24	21.63	21.75	21.74		
5	64QAM	12	0	20.58	20.57	20.64		
5	64QAM	12	7	20.53	20.59	20.75	22.5	1.5
5	64QAM	12	13	20.58	20.60	20.67		
5	64QAM	25	0	20.56	20.78	20.65		
5	256QAM	1	0	18.52	18.58	18.60		
5	256QAM	1	12	18.53	18.59	18.55	20.5	3.5
5	256QAM	1	24	18.64	18.61	18.58		
5	256QAM	12	0	18.54	18.52	18.67		
5	256QAM	12	7	18.59	18.51	18.56	20.5	3.5
5	256QAM	12	13	18.60	18.64	18.67		
5	256QAM	25	0	18.60	18.63	18.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.16	22.12	22.16		
3	QPSK	1	8	22.05	22.11	22.08	24	0
3	QPSK	1	14	22.16	22.01	22.04		
3	QPSK	8	0	22.04	22.13	22.08		
3	QPSK	8	4	22.05	22.07	22.04	24	0
3	QPSK	8	7	22.02	22.18	22.00		
3	QPSK	15	0	22.04	22.18	22.11		
3	16QAM	1	0	22.17	22.15	22.02		
3	16QAM	1	8	22.13	22.06	22.17

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.57	16.73	16.68		
20	QPSK	1	49	16.56	16.62	16.57	18	0
20	QPSK	1	99	16.45	16.51	16.54		
20	QPSK	50	0	16.66	16.70	16.67		
20	QPSK	50	24	16.61	16.55	16.63	18	0
20	QPSK	50	50	16.60	16.64	16.66		
20	QPSK	100	0	16.48	16.67	16.65		
20	16QAM	1	0	16.49	16.59	16.68		
20	16QAM	1	49	16.55	16.68	16.68	18	0
20	16QAM	1	99	16.60	16.51	16.58		
20	16QAM	50	0	16.43	16.60	16.53		
20	16QAM	50	24	16.49	16.54	16.42	18	0
20	16QAM	50	50	16.59	16.65	16.61		
20	16QAM	100	0	16.44	16.65	16.70		
20	64QAM	1	0	16.49	16.60	16.71		
20	64QAM	1	49	16.72	16.45	16.59	18	0
20	64QAM	1	99	16.68	16.32	16.63		
20	64QAM	50	0	16.55	16.71	16.57		
20	64QAM	50	24	16.49	16.72	16.53	18	0
20	64QAM	50	50	16.52	16.61	16.63		
20	64QAM	100	0	16.59	16.65	16.49		
20	256QAM	1	0	16.45	16.69	16.50		
20	256QAM	1	49	16.55	16.49	16.40	18	0
20	256QAM	1	99	16.53	16.65	16.48		
20	256QAM	50	0	16.58	16.58	16.41		
20	256QAM	50	24	16.40	16.57	16.49	18	0
20	256QAM	50	50	16.58	16.53	16.56		
20	256QAM	100	0	16.35	16.46	16.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.37	16.53	16.66		
15	QPSK	1	37	16.53	16.52	16.48	18	0
15	QPSK	1	74	16.28	16.46	16.37		
15	QPSK	36	0	16.56	16.53	16.60		
15	QPSK	36	20	16.53	16.36	16.60	18	0
15	QPSK	36	39	16.51	16.45	16.58		
15	QPSK	75	0	16.31	16.53	16.63		
15	QPSK	75	37	16.36	16.37	16.67		
15	16QAM	1	0	16.42	16.72	16.62	18	0
15	16QAM	1	37	16.42	16.72	16.62		
15	16QAM	1	74	16.53	16.43	16.53		
15	16QAM	36	0	16.27	16.50	16.40		
15	16QAM	36	20	16.33	16.53	16.41	18	0
15	16QAM	36	39	16.38	16.36	16.41		
15	16QAM	75	0	16.38	16.62	16.57		
15	16QAM	75	37	16.38	16.42	16.63		
15	64QAM	1	0	16.66	16.33	16.41	18	0
15	64QAM	1	37	16.69	16.39	16.50		
15	64QAM	1	74	16.39	16.54	16.47		
15	64QAM	36	0	16.43	16.54	16.46	18	0
15	64QAM	36	20	16.46	16.52	16.57		
15	64QAM	36	39	16.56	16.36	16.46		
15	64QAM	75	0	16.29	16.56	16.49		
15	64QAM	75	37	16.46	16.37	16.37	18	0
15	256QAM	1	0	16.36	16.61	16.47		
15	256QAM	1	37	16.46	16.58	16.37		
15	256QAM	1	74	16.36	16.61	16.47		
15	256QAM	36	0	16.58	16.57	16.29		
15	256QAM	36	20	16.28	16.55	16.38	18	0
15	256QAM	36	39	16.38	16.39	16.43		
15	256QAM	75	0	16.20	16.40	16.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.52	16.63	16.61		
10	QPSK	1	25	16.43	16.52	16.48	18	0
10	QPSK	1	49	16.31	16.34	16.51		
10	QPSK	25	0	16.57	16.60	16.60		
10	QPSK	25	12	16.47	16.48	16.44	18	0
10	QPSK	25	25	16.47	16.49	16.65		
10	QPSK	50	0	16.48	16.67	16.56		
10	16QAM	1	0	16.54	16.54	16.60		
10	16QAM	1	25	16.51	16.70	16.52	18	0
10	16QAM	1	49	16.49	16.35	16.40		
10	16QAM	25	0	16.35	16.46	16.46		
10	16QAM	25	12	16.35	16.42	16.27	18	0
10	16QAM	25	25	16.54	16.61	16.57		
10	16QAM	50	0	16.25	16.64	16.57		
10	64QAM	1	0	16.37	16.58	16.53		
10	64QAM	1	25	16.62	16.28	16.49	18	0
10	64QAM	1	49	16.66	16.39	16.52		
10	64QAM	25	0	16.39	16.67	16.54		
10	64QAM	25	12	16.36	16.53	16.53	18	0
10	64QAM	25	25	16.49	16.50	16.55		
10	64QAM	50	0	16.42	16.57	16.37		
10	256QAM	1	0	16.36	16.61	16.34		
10	256QAM	1	25	16.49	16.38	16.31	18	0
10	256QAM	1	49	16.36	16.45	16.45		
10	256QAM	25	0	16.47	16.49	16.33		
10	256QAM	25	12	16.39	16.41	16.47	18	0
10	256QAM	25	25	16.53	16.45	16.41		
10	256QAM	50	0	16.15	16.39	16.36		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.46	16.63	16.68		
5	QPSK	1	12	16.50	16.46	16.38	18	0
5	QPSK	1	24	16.30	16.47	16.44		
5	QPSK	12	0	16.65	16.65	16.56		
5	QPSK	12	7	16.50	16.54	16.45	18	0
5	QPSK	12	13	16.58	16.44	16.56		
5	QPSK	25	0	16.34	16.67	16.48		
5	16QAM	1	0	16.36	16.47	16.37		
5	16QAM	1	12	16.54	16.56	16.55	18	0
5	16QAM	1	24	16.57	16.50	16.38		
5	16QAM	12	0	16.41	16.40	16.37		
5	16QAM	12	7	16.48	16.54	16.27	18	0
5	16QAM	12	13	16.68	16.65	16.43		
5	16QAM	25	0	16.32	16.56	16.64		
5	64QAM	1	0	16.47	16.42	16.64		
5	64QAM	1	12	16.70	16.34	16.56	18	0
5	64QAM	1	24	16.59	16.35	16.55		
5	64QAM	12	0	16.36	16.57	16.51		
5	64QAM	12	7	16.39	16.55	16.38	18	0
5	64QAM	12	13	16.57	16.61	16.61		
5	64QAM	25	0	16.40	16.49	16.40		
5	256QAM	1	0	16.35	16.49	16.47		
5	256QAM	1	12	16.49	16.43	16.24	18	0
5	256QAM	1	24	16.39	16.32	16.34		
5	256QAM	12	0	16.47	16.62	16.40		
5	256QAM	12	7	16.31	16.41	16.43	18	0
5	256QAM	12	13	16.54	16.43	16.46		
5	256QAM	25	0	16.24	16.40	16.30		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.48	16.56	16.49		
3	QPSK	1	8	16.42	16.49	16.38	18	0
3	QPSK	1	14	16.51	16.48	16.50		
3	QPSK	8	0	16.58	16.69	16.61		
3	QPSK	8	4	16.51	16.41	16.50	18	0
3	QPSK	8	7	16.59	16.49	16.51		
3	QPSK	15	0	16.29	16.55	16.62		
3	16QAM	1	0	16.29	16.39	16.65		
3	16QAM	1	8	16.51	16.70	16.49	18	0
3	16QAM	1	14	16.44	16.45	16.56		
3	16QAM	8	0	16.25	16.44	16.38		
3	16QAM	8	4	16.37	16.45	16.42	18	0
3	16QAM	8	7	16.63	16.55	16.60		
3	16QAM	15	0	16.34	16.63	16.54		
3	64QAM	1	0	16.47	16.55	16.51		
3	64QAM	1	8	16.72	16.32	16.43	18	0
3	64QAM	1	14	16.66	16.22	16.45		
3	64QAM	8	0	16.48	16.60	16.51		
3	64QAM	8	4	16.36	16.72	16.41	18	0
3	64QAM	8	7	16.44	16.56	16.57		
3	64QAM	15	0	16.57	16.53	16.33		
3	256QAM	1	0	16.26	16.67	16.36		
3	256QAM	1	8	16.47	16.37	16.30	18	0
3	256QAM	1	14	16.37	16.49	16.33		
3	256QAM	8	0	16.44	16.66	16.38		
3	256QAM	8	4	16.35	16.47	16.47	18	0
3	256QAM	8	7	16.41	16.53	16.53		
3	256QAM	15	0	16.20	16.42	16.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.52	16.64	16.50		
1.4	QPSK	1	3	16.42	16.44	16.54		
1.4	QPSK	1	5	16.28	16.38	16.52	18	0
1.4	QPSK	3	0	16.62	16.69	16.49		
1.4	QPSK	3	1	16.55	16.52	16.47		
1.4	QPSK	3	3	16.41	16.50	16.50		
1.4	QPSK	6	0	16.33	16.56	16.59	18	0
1.4	16QAM	1	0	16.43	16.40	16.56		
1.4	16QAM	1	3	16.46	16.57	16.55		
1.4	16QAM	1	5	16.57	16.35	16.48	18	0
1.4	16QAM	3	0	16.39	16.55	16.34		
1.4	16QAM	3	1	16.47	16.54	16.23		
1.4	16QAM	3	3	16.68	16.53	16.55		
1.4	16QAM	6	0	16.25	16.57	16.64	18	0
1.4	64QAM	1	0	16.38	16.63	16.53		
1.4	64QAM	1	3	16.67	16.35	16.46		
1.4	64QAM	1	5	16.71	16.23	16.50	18	0
1.4	64QAM	3	0	16.36	16.71	16.41		
1.4	64QAM	3	1	16.32	16.53	16.34		
1.4	64QAM	3	3	16.38	16.44	16.55		
1.4	64QAM	6	0	16.54	16.50	16.35	18	0
1.4	256QAM	1	0	16.39	16.53	16.37		
1.4	256QAM	1	3	16.51	16.40	16.36		
1.4	256QAM	1	5	16.50	16.57	16.42	18	0
1.4	256QAM	3	0	16.55	16.64	16.40		
1.4	256QAM	3	1	16.27	16.40	16.37		
1.4	256QAM	3	3	16.51	16.46	16.39		
1.4	256QAM	6	0	16.27	16.32	16.36	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.96	24.14	24.12		
20	QPSK	1	49	23.95	24.10	24.06	25.5	0
20	QPSK	1	99	23.85	24.03	23.88		
20	QPSK	50	0	23.02	23.12	23.09		
20	QPSK	50	24	22.98	23.05	23.06	24.5	1
20	QPSK	50	50	22.96	23.02	22.97		
20	QPSK	100	0	22.92	23.06	23.04		
20	16QAM	1	0	23.09	23.30	23.27		
20	16QAM	1	49	23.22	23.28	23.26	24.5	1
20	16QAM	1	99	23.20	23.13	23.10		
20	16QAM	50	0	21.93	22.02	22.12		
20	16QAM	50	24	22.00	22.01	22.07	23.5	2
20	16QAM	50	50	22.02	22.05	21.97		
20	16QAM	100	0	21.96	22.01	22.03		
20	64QAM	1	0	22.00	22.20	22.20		
20	64QAM	1	49	22.05	22.16	22.11	23.5	2
20	64QAM	1	99	22.02	22.03	21.96		
20	64QAM	50	0	20.92	21.06	21.15		
20	64QAM	50	24	20.99	21.06	21.03	22.5	3
20	64QAM	50	50	21.02	21.04	20.98		
20	64QAM	100	0	20.97	21.05	21.07		
20	256QAM	1	0	18.65	18.76	18.66		
20	256QAM	1	49	18.68	18.75	18.73	20.5	5
20	256QAM	1	99	18.73	18.74	18.73		
20	256QAM	50	0	18.64	18.72	18.63		
20	256QAM	50	24	18.63	18.65	18.61	20.5	5
20	256QAM	50	50	18.65	18.66	18.58		
20	256QAM	100	0	18.53	18.64	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.92	24.02	24.10		
15	QPSK	1	37	23.84	24.08	23.97	25.5	0
15	QPSK	1	74	23.73	23.99	23.78		
15	QPSK	36	0	23.05	23.24	23.00		
15	QPSK	36	20	22.91	23.02	22.99	24.5	1
15	QPSK	36	39	22.91	22.99	22.93		
15	QPSK	75	0	22.90	22.98	22.99		
15	QPSK	75	37	23.05	23.01	23.19		
15	16QAM	1	0	23.16	23.23	23.21	24.5	1
15	16QAM	1	37	23.09	23.02	22.98		
15	16QAM	1	74	21.81	22.01	22.01		
15	16QAM	36	0	21.89	21.91	22.01	23.5	2
15	16QAM	36	20	21.92	21.89	21.93		
15	16QAM	36	39	21.86	21.95	22.00		
15	16QAM	75	0	21.91	22.19	22.18		
15	16QAM	75	37	21.99	22.14	21.99	23.5	2
15	64QAM	1	0	21.97	21.98	21.98		
15	64QAM	1	37	20.87	21.04	21.03		
15	64QAM	1	74	20.87	20.98	21.01	22.5	3
15	64QAM	36	0	20.98	20.98	20.91		
15	64QAM	36	20	20.87	20.95	21.05		
15	64QAM	36	39	20.98	20.96	20.99		
15	64QAM	75	0	18.61	18.65	18.55		
15	64QAM	75	37	18.58	18.65	18.68	20.5	5
15	256QAM	1	0	18.72	18.66	18.67		
15	256QAM	1	37	18.57	18.63	18.52		
15	256QAM	1	74	18.52	18.53	18.54	20.5	5
15	256QAM	36	0	18.64	18.61	18.66		
15	256QAM	36	20	18.69	18.63	18.50		
15	256QAM	36	39	18.64	18.61	18.66		
15	256QAM	75	0	18.69	18.63	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.95	24.08	24.08		
10	QPSK	1	25	23.88	24.00	24.03	25.5	0
10	QPSK	1	49	23.78	24.02	23.85		
10	QPSK	25	0	22.86	23.11	23.08		
10	QPSK	25	12	22.86	22.96	22.97	24.5	1
10	QPSK	25	25	22.86	23.01	22.85		
10	QPSK	50	0	22.88	22.97	22.99		
10	16QAM	1	0	23.10	23.25	23.24		
10	16QAM	1	25	23.19	23.14	23.23	24.5	1
10	16QAM	1	49	23.11	23.09	23.01		
10	16QAM	25	0	21.89	21.94	22.05		
10	16QAM	25	12	21.98	21.99	22.05	23.5	2
10	16QAM	25	25	21.98	21.97	21.93		
10	16QAM	50	0	21.93	21.90	22.02		
10	64QAM	1	0	21.92	22.10	22.17		
10	64QAM	1	25	21.95	22.07	22.09	23.5	2
10	64QAM	1	49	21.98	22.00	21.89		
10	64QAM	25	0	20.80	20.96	21.04		
10	64QAM	25	12	20.93	20.96	21.01	22.5	3
10	64QAM	25	25	20.90	20.95	20.93		
10	64QAM	50	0	20.84	20.96	20.99		
10	256QAM	1	0	18.58	18.67	18.54		
10	256QAM	1	25	18.57	18.64	18.72	20.5	5
10	256QAM	1	49	18.64	18.68	18.65		
10	256QAM	25	0	18.61	18.57	18.61		
10	256QAM	25	12	18.55	18.63	18.56	20.5	5
10	256QAM	25	25	18.58	18.58	18.52		
10	256QAM	50	0	18.68	18.58	18.50		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	24.07	24.02		
5	QPSK	1	12	23.84	24.09	24.02	25.5	0
5	QPSK	1	24	23.83	24.01	23.81		
5	QPSK	12	0	22.87	23.08	23.06		
5	QPSK	12	7	22.87	23.00	22.95	24.5	1
5	QPSK	12	13	22.90	22.99	22.88		
5	QPSK	25	0	22.80	23.03	22.97		
5	16QAM	1	0	23.00	23.20	23.17		
5	16QAM	1	12	23.17	23.18	23.20	24.5	1
5	16QAM	1	24	23.13	23.04	23.03		
5	16QAM	12	0	21.85	21.92	22.10		
5	16QAM	12	7	21.96	21.97	21.97	23.5	2
5	16QAM	12	13	21.99	21.99	21.86		
5	16QAM	25	0	21.95	21.95	21.97		
5	64QAM	1	0	21.94	22.16	22.08		
5	64QAM	1	12	22.08	22.04	22.02	23.5	2
5	64QAM	1	24	22.00	21.93	21.90		
5	64QAM	12	0	20.88	20.98	21.12		
5	64QAM	12	7	20.92	21.01	21.01	22.5	3
5	64QAM	12	13	20.96	20.95	20.93		
5	64QAM	25	0	20.87	20.95	21.05		
5	256QAM	1	0	18.54	18.74	18.58		
5	256QAM	1	12	18.59	18.64	18.69	20.5	5
5	256QAM	1	24	18.71	18.66	18.62		
5	256QAM	12	0	18.57	18.66	18.54		
5	256QAM	12	7	18.52	18.63	18.55	20.5	5
5	256QAM	12	13	18.58	18.60	18.56		
5	256QAM	25	0	18.62	18.60	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.13	24.03		
3	QPSK	1	8	23.91	24.06	24.03	25.5	0
3	QPSK	1	14	23.84	23.99	23.77		
3	QPSK	8	0	22.89	23.11	23.04		
3	QPSK	8	4	22.90	22.98	22.96	24.5	1
3	QPSK	8	7	22.95	22.97	22.86		
3	QPSK	15	0	22.83	23.04	22.98		
3	16QAM	1	0	22.99	23.20	23.18		
3	16QAM	1	8	23.11	23.21	23.18	24.5	1
3	16QAM	1	14	23.12	23.03	23.03		
3	16QAM	8	0	21.93	21.93	22.06		
3	16QAM	8	4	21.94	21.96	21.96	23.5	2
3	16QAM	8	7	21.98	21.96	21.94		
3	16QAM	15	0	21.95	21.90	21.94		
3	64QAM	1	0	21.94	22.14	22.17		
3	64QAM	1	8	22.12	22.12	22.09	23.5	2
3	64QAM	1	14	21.97	22.00	21.90		
3	64QAM	8	0	20.81	21.03	21.13		
3	64QAM	8	4	20.88	21.05	20.97	22.5	3
3	64QAM	8	7	20.99	20.99	20.86		
3	64QAM	15	0	20.94	21.01	20.98		
3	256QAM	1	0	18.57	18.74	18.56		
3	256QAM	1	8	18.66	18.63	18.68	20.5	5
3	256QAM	1	14	18.73	18.67	18.72		
3	256QAM	8	0	18.64	18.65	18.61		
3	256QAM	8	4	18.51	18.55	18.55	20.5	5
3	256QAM	8	7	18.61	18.59	18.68		
3	256QAM	15	0	18.61	18.59	18.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.90	24.02	24.09		
1.4	QPSK	1	3	23.84	24.00	23.94		
1.4	QPSK	1	5	23.77	23.93	23.77	25.5	0
1.4	QPSK	3	0	23.86	23.99	23.97		
1.4	QPSK	3	1	23.81	23.90	23.84		
1.4	QPSK	3	3	23.69	23.85	23.68		
1.4	QPSK	6	0	22.92	22.95	22.99	24.5	1
1.4	16QAM	1	0	23.04	23.21	23.16		
1.4	16QAM	1	3	23.18	23.17	23.19		
1.4	16QAM	1	5	23.09	23.03	22.99	24.5	1
1.4	16QAM	3	0	22.93	23.11	23.12		
1.4	16QAM	3	1	23.09	23.13	23.14		
1.4	16QAM	3	3	23.00	22.92	22.92		
1.4	16QAM	6	0	21.90	21.97	21.97	23.5	2
1.4	64QAM	1	0	21.98	22.11	22.10		
1.4	64QAM	1	3	22.02	22.05	22.06		
1.4	64QAM	1	5	21.98	21.93	21.89	23.5	2
1.4	64QAM	3	0	21.81	22.08	22.03		
1.4	64QAM	3	1	22.02	22.00	22.02		
1.4	64QAM	3	3	21.89	21.92	21.82		
1.4	64QAM	6	0	20.92	20.98	21.01	22.5	3
1.4	256QAM	1	0	18.59	18.72	18.60		
1.4	256QAM	1	3	18.64	18.73	18.63		
1.4	256QAM	1	5	18.69	18.65	18.69	20.5	5
1.4	256QAM	3	0	18.57	18.59	18.51		
1.4	256QAM	3	1	18.55	18.61	18.53		
1.4	256QAM	3	3	18.63	18.60	18.55		
1.4	256QAM	6	0	18.62	18.54	18.52	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.93	21.11	21.08		
20	QPSK	1	49	20.86	20.97	21.07	22.5	0
20	QPSK	1	99	20.66	21.05	20.93		
20	QPSK	50	0	20.85	21.04	21.00		
20	QPSK	50	24	20.79	20.96	20.98	22.5	0
20	QPSK	50	50	20.83	20.90	20.87		
20	QPSK	100	0	20.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.95	19.11	18.85	20	0
20	QPSK	1	49	18.94	18.99	18.66		
20	QPSK	1	99	18.90	18.92	18.64		
20	QPSK	50	0	18.82	19.07	18.76		
20	QPSK	50	24	18.70	18.94	18.62		
20	QPSK	50	50	18.72	19.01	18.62		
20	QPSK	100	0	18.73	19.04	18.60		
20	16QAM	1	0	18.74	19.00	18.60		
20	16QAM	1	49	18.63	19.04	18.50	20	0
20	16QAM	1	99	18.66	18.98	18.50		
20	16QAM	50	0	18.72	19.05	18.56		
20	16QAM	50	24	18.77	18.91	18.69		
20	16QAM	50	50	18.81	19.00	18.65		
20	16QAM	100	0	18.70	19.02	18.67		
20	64QAM	1	0	18.73	19.01	18.53		
20	64QAM	1	49	18.74	19.07	18.69	20	0
20	64QAM	1	99	18.61	18.93	18.64		
20	64QAM	50	0	18.68	18.92	18.56		
20	64QAM	50	24	18.62	18.93	18.55	20	0
20	64QAM	50	50	18.66	19.05	18.60		
20	64QAM	100	0	18.74	18.93	18.56		
20	256QAM	1	0	18.28	18.38	18.05		
20	256QAM	1	49	18.13	18.38	18.18	19.5	0.5
20	256QAM	1	99	18.14	18.45	18.03		
20	256QAM	50	0	18.30	18.47	18.15		
20	256QAM	50	24	18.14	18.41	18.06	19.5	0.5
20	256QAM	50	50	18.12	18.48	18.11		
20	256QAM	100	0	18.15	18.49	18.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.79	19.04	18.72	20	0
15	QPSK	1	37	18.87	18.80	18.57		
15	QPSK	1	74	18.89	18.78	18.72		
15	QPSK	36	0	18.64	19.03	18.61		
15	QPSK	36	20	18.67	18.91	18.47	20	0
15	QPSK	36	39	18.69	18.95	18.44		
15	QPSK	75	0	18.57	18.85	18.46		
15	16QAM	1	0	18.66	19.06	18.49		
15	16QAM	1	37	18.62	18.95	18.32	20	0
15	16QAM	1	74	18.60	18.89	18.41		
15	16QAM	36	0	18.65	18.91	18.41		
15	16QAM	36	20	18.67	18.83	18.51	20	0
15	16QAM	36	39	18.79	18.99	18.47		
15	16QAM	75	0	18.66	18.92	18.56		
15	64QAM	1	0	18.69	18.95	18.36		
15	64QAM	1	37	18.63	19.05	18.58	20	0
15	64QAM	1	74	18.64	18.84	18.54		
15	64QAM	36	0	18.59	18.81	18.44		
15	64QAM	36	20	18.60	18.84	18.52	20	0
15	64QAM	36	39	18.50	19.03	18.54		
15	64QAM	75	0	18.55	18.83	18.57		
15	256QAM	1	0	18.15	18.25	17.99		
15	256QAM	1	37	17.99	18.22	17.99	19.5	0.5
15	256QAM	1	74	17.96	18.42	17.98		
15	256QAM	36	0	18.30	18.32	17.98		
15	256QAM	36	20	18.00	18.30	17.86	19.5	0.5
15	256QAM	36	39	17.94	18.44	17.97		
15	256QAM	75	0	17.95	18.34	18.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	18.82	18.91	18.59	20	0
10	QPSK	1	25	18.92	18.96	18.56		
10	QPSK	1	49	18.75	18.92	18.66		
10	QPSK	25	0	18.70	19.07	18.60		
10	QPSK	25	12	18.70	18.89	18.46	20	0
10	QPSK	25	25	18.54	18.85	18.43		
10	QPSK	50	0	18.57	19.04	18.60		
10	16QAM	1	0	18.65	18.89	18.47		
10	16QAM	1	25	18.53	18.87	18.47	20	0
10	16QAM	1	49	18.55	18.85	18.34		
10	16QAM	25	0	18.56	18.87	18.50		
10	16QAM	25	12	18.65	18.83	18.50	20	0
10	16QAM	25	25	18.59	18.95	18.55		
10	16QAM	50	0	18.64	18.92	18.56		
10	64QAM	1	0	18.54	18.94	18.36		
10	64QAM	1	25	18.73	18.99	18.53	20	0
10	64QAM	1	49	18.68	18.84	18.63		
10	64QAM	25	0	18.48	18.83	18.56		
10	64QAM	25	12	18.77	18.81	18.49	20	0
10	64QAM	25	25	18.61	18.88	18.56		
10	64QAM	50	0	18.71	18.90	18.54		
10	256QAM	1	0	18.11	18.16	17.96		
10	256QAM	1	25	17.96	18.33	17.98	19.5	0.5
10	256QAM	1	49	18.00	18.35	18.00		
10	256QAM	25	0	18.28	18.36	18.02		
10	256QAM	25	12	18.14	18.41	17.89	19.5	0.5
10	256QAM	25	25	18.11	18.35	18.04		
10	256QAM	50	0	18.00	18.48	18.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.77	18.99	18.72	20	0
5	QPSK	1	12	18.76	18.83	18.55		
5	QPSK	1	24	18.78	18.89	18.81		
5	QPSK	12	0	18.64	19.02	18.63		
5	QPSK	12	7	18.54	18.87	18.46	20	0
5	QPSK	12	13	18.67	18.86	18.42		
5	QPSK	25	0	18.64	18.85	18.44		
5	16QAM	1	0	18.55	19.02	18.55		
5	16QAM	1	12	18.62	18.94	18.45	20	0
5	16QAM	1	24	18.52	18.90	18.43		
5	16QAM	12	0	18.53	18.87	18.41		
5	16QAM	12	7	18.65	18.78	18.68	20	0
5	16QAM	12	13	18.74	18.85	18.53		
5	16QAM	25	0	18.58	18.82	18.46		
5	64QAM	1	0	18.65	19.00	18.46		
5	64QAM	1	12	18.66	18.91	18.66	20	0
5	64QAM	1	24	18.56	18.85	18.56		
5	64QAM	12	0	18.51	18.90	18.56		
5	64QAM	12	7	18.74	18.81	18.55	20	0
5	64QAM	12	13	18.52	19.03	18.55		
5	64QAM	25	0	18.67	18.84	18.42		
5	256QAM	1	0	18.18	18.35	17.92		
5	256QAM	1	12	18.07	18.27	17.99	19.5	0.5
5	256QAM	1	24	18.14	18.33	17.88		
5	256QAM	12	0	18.12	18.36	18.09		
5	256QAM	12	7	18.12	18.23	17.94	19.5	0.5
5	256QAM	12	13	17.99	18.48	18.11		
5	256QAM	25	0	17.99	18.34	18.01		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.82	24.88	24.85	25.7	0
20	QPSK	1	49	24.80	24.79	24.71		
20	QPSK	1	99	24.80	24.80	24.84		
20	QPSK	50	0	24.70	24.72	24.66		
20	QPSK	50	24	24.06	23.95	23.91	24.7	1
20	QPSK	50	50	23.96	23.97	23.80		
20	QPSK	100	0	23.99	24.07	23.89		
20	16QAM	1	0	24.15	24.03	23.94	24.7	1
20	16QAM	1	49	24.14	24.00	23.96		
20	16QAM	1	99	24.11	23.99	24.05		
20	16QAM	50	0	23.12	22.93	22.86	23.7	2
20	16QAM	50	24	23.05	22.95	22.92		
20	16QAM	50	50	23.09	22.97	22.96		
20	16QAM	100	0	23.09	22.95	22.88		
20	64QAM	1	0	22.83	22.65	22.54	23.7	2
20	64QAM	1	49	22.81	22.65	22.54		
20	64QAM	1	99	22.77	22.64	22.66		
20	64QAM	50	0	22.70	21.94	21.85	22.7	3
20	64QAM	50	24	22.04	21.93	21.90		
20	64QAM	50	50	22.08	21.94	21.91		
20	64QAM	100	0	22.07	21.92	21.87		
20	256QAM	1	0	19.58	19.62	19.60	20.7	5
20	256QAM	1	49	19.46	19.54	19.45		
20	256QAM	1	99	19.45	19.55	19.47		
20	256QAM	50	0	19.47	19.57	19.45	20.7	5
20	256QAM	50	24	19.55	19.56	19.55		
20	256QAM	50	50	19.48	19.49	19.43		
20	256QAM	100	0	19.45	19.50	19.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.75	24.80	24.82	25.7	0
15	QPSK	1	37	24.74	24.67	24.63		
15	QPSK	1	74	24.71	24.71	24.76		
15	QPSK	36	0	24.10	24.03	23.87	24.7	1
15	QPSK	36	20	23.94	23.85	23.81		
15	QPSK	36	39	23.85	23.92	23.77		
15	QPSK	75	0	23.92	24.05	23.82		
15	16QAM	1	0	24.12	23.95	23.82	24.7	1
15	16QAM	1	37	24.11	23.98	23.91		
15	16QAM	1	74	24.06	23.95	23.96		
15	16QAM	36	0	23.00	22.93	22.78	23.7	2
15	16QAM	36	20	22.99	22.93	22.90		
15	16QAM	36	39	22.97	22.95	22.89		
15	16QAM	75	0	23.00	22.94	22.76		
15	64QAM	1	0	22.71	22.57	22.43	23.7	2
15	64QAM	1	37	22.70	22.53	22.46		
15	64QAM	1	74	22.76	22.52	22.60		
15	64QAM	36	0	22.09	21.82	21.73	22.7	3
15	64QAM	36	20	22.00	21.91	21.86		
15	64QAM	36	39	21.99	21.94	21.83		
15	64QAM	75	0	22.02	21.83	21.78		
15	256QAM	1	0	19.57	19.57	19.57	20.7	5
15	256QAM	1	37	19.34	19.42	19.33		
15	256QAM	1	74	19.34	19.44	19.35		
15	256QAM	36	0	19.45	19.53	19.36	20.7	5
15	256QAM	36	20	19.44	19.44	19.47		
15	256QAM	36	39	19.43	19.43	19.39		
15	256QAM	75	0	19.33	19.42	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	24.70	24.80	24.75	25.7	0
10	QPSK	1	25	24.79	24.73	24.69		
10	QPSK	1	49	24.76	24.71	24.80		
10	QPSK	25	0	23.99	24.07	23.88	24.7	1
10	QPSK	25	12	23.98	23.93	23.81		
10	QPSK	25	25	23.89	23.85	23.81		
10	QPSK	50	0	23.91	23.99	23.88		
10	16QAM	1	0	24.08	24.00	23.92	24.7	1
10	16QAM	1	25	24.07	23.91	23.94		
10	16QAM	1	49	24.06	23.96	23.93		
10	16QAM	25	0	23.06	22.86	22.82	23.7	2
10	16QAM	25	12	22.99	22.94	22.88		
10	16QAM	25	25	22.98	22.93	22.86		
10	16QAM	50	0	23.00	22.86	22.77		
10	64QAM	1	0	22.80	22.59	22.49	23.7	2
10	64QAM	1	25	22.78	22.63	22.49		
10	64QAM	1	49	22.68	22.52	22.59		
10	64QAM	25	0	21.98	21.93	21.81	22.7	3
10	64QAM	25	12	22.01	21.87	21.80		
10	64QAM	25	25	22.04	21.92	21.84		
10	64QAM	50	0	22.01	21.88	21.83		
10	256QAM	1	0	19.53	19.50	19.56	20.7	5
10	256QAM	1	25	19.41	19.42	19.38		
10	256QAM	1	49	19.35	19.45	19.37		
10	256QAM	25	0	19.41	19.52	19.33		
10	256QAM	25	12	19.46	19.45	19.46	20.7	5
10	256QAM	25	25	19.47	19.37	19.37		
10	256QAM	50	0	19.41	19.44	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.76	24.80	24.82	25.7	0
5	QPSK	1	12	24.68	24.72	24.69		
5	QPSK	1	24	24.77	24.73	24.78		
5	QPSK	12	0	24.01	24.09	23.87	24.7	1
5	QPSK	12	7	24.05	23.86	23.87		
5	QPSK	12	13	23.94	23.90	23.84		
5	QPSK	25	0	23.91	24.04	23.86		
5	16QAM	1	0	24.07	23.92	23.88	24.7	1
5	16QAM	1	12	24.04	23.93	23.90		
5	16QAM	1	24	23.99	23.97	24.03		
5	16QAM	12	0	23.00	22.92	22.75	23.7	2
5	16QAM	12	7	22.94	22.88	22.82		
5	16QAM	12	13	23.01	22.90	22.90		
5	16QAM	25	0	23.05	22.89	22.78		
5	64QAM	1	0	22.75	22.54	22.52	23.7	2
5	64QAM	1	12	22.73	22.63	22.53		
5	64QAM	1	24	22.74	22.67	22.67		
5	64QAM	12	0	22.09	21.85	21.77	22.7	3
5	64QAM	12	7	22.02	21.82	21.87		
5	64QAM	12	13	21.99	21.89	21.82		
5	64QAM	25	0	22.00	21.88	21.79		
5	256QAM	1	0	19.50	19.56	19.52	20.7	5
5	256QAM	1	12	19.45	19.47	19.43		
5	256QAM	1	24	19.42	19.52	19.38		
5	256QAM	12	0	19.46	19.47	19.34		
5	256QAM	12	7	19.52	19.51	19.50	20.7	5
5	256QAM	12	13	19.41	19.44	19.41		
5	256QAM	25	0	19.36	19.43	19.37		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.10	21.16	21.13	22	0
20	QPSK	1	49	21.02	21.00	21.06		
20	QPSK	1	99	21.07	20.98	21.12		
20	QPSK	50	0	21.09	21.10	20.98		
20	QPSK	50	24	20.98	21.06	20.92	22	0
20	QPSK	50	50	21.07	21.05	20.81		
20	QPSK	100	0	20.95	21.05	20.79		
20	16QAM	1	0	21.07	21.06	20.82		
20	16QAM	1	49	21.04	21.02	20.91	22	0
20	16QAM	1	99	20.94	21.04	20.86		
20	16QAM	50	0	21.03	21.06	20.92		
20	16QAM	50	24	21.07	21.01	20.99	22	0
20	16QAM	50	50	21.05	20.99	20.98		
20	16QAM	100	0	20.98	20.91	20.90		
20	64QAM	1	0	20.93	20.96	20.98		
20	64QAM	1	49	20.94	21.02	20.87	22	0
20	64QAM	1	99	20.96	20.93	20.98		
20	64QAM	50	0	20.97	20.49	20.38		
20	64QAM	50	24	20.44	20.43	20.34	21.5	0.5
20	64QAM	50	50	20.57	20.45	20.32		
20	64QAM	100	0	20.52	20.55	20.34		
20	256QAM	1	0	20.58	20.50	20.39		
20	256QAM	1	49	20.58	20.45	20.40	21.5	0.5
20	256QAM	1	99	20.52	20.45	20.39		
20	256QAM	50	0	18.42	18.55	18.33		
20	256QAM	50	24	18.45	18.48	18.42	19.5	2.5
20	256QAM	50	50	18.40	18.57	18.33		
20	256QAM	100	0	18.60	18.55	18.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.97	20.97	20.96	22	0
15	QPSK	1	37	20.99	20.83	21.03		
15	QPSK	1	74	21.02	20.79	21.03		
15	QPSK	36	0	20.90	21.05	20.97	22	0
15	QPSK	36	20	20.84	21.03	20.86		
15	QPSK	36	39	21.07	20.93	20.66		
15	QPSK	75	0	20.81	20.90	20.68		
15	16QAM	1	0	21.05	20.93	20.72	22	0
15	16QAM	1	37	21.00	20.97	20.82		
15	16QAM	1	74	20.78	20.99	20.66		
15	16QAM	36	0	20.86	21.02	20.82	22	0
15	16QAM	36	20	21.05	21.00	20.81		
15	16QAM	36	39	21.03	20.92	20.96		
15	16QAM	75	0	20.98	20.81	20.84		
15	64QAM	1	0	20.92	20.95	20.95	22	0
15	64QAM	1	37	20.83	21.01	20.75		
15	64QAM	1	74	20.95	20.85	20.89		
15	64QAM	36	0	20.56	20.43	20.32	21.5	0.5
15	64QAM	36	20	20.29	20.29	20.21		
15	64QAM	36	39	20.53	20.26	20.26		
15	64QAM	75	0	20.44	20.54	20.26		
15	256QAM	1	0	20.58	20.41	20.25	21.5	0.5
15	256QAM	1	37	20.54	20.40	20.31		
15	256QAM	1	74	20.50	20.38	20.37		
15	256QAM	36	0	18.36	18.43	18.16	19.5	2.5
15	256QAM	36	20	18.36	18.38	18.40		
15	256QAM	36	39	18.38	18.40	18.32		
15	256QAM	75	0	18.44	18.43	18.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	21.07	21.14	21.10	22	0
10	QPSK	1	25	20.99	20.96	20.89		
10	QPSK	1	49	20.93	20.87	20.93		
10	QPSK	25	0	21.03	21.07	20.90	22	0
10	QPSK	25	12	20.96	20.93	20.85		
10	QPSK	25	25	20.95	20.91	20.74		
10	QPSK	50	0	20.81	20.95	20.75		
10	16QAM	1	0	21.03	20.97	20.71	22	0
10	16QAM	1	25	20.93	20.85	20.74		
10	16QAM	1	49	20.89	20.86	20.81		
10	16QAM	25	0	20.96	20.91	20.79	22	0
10	16QAM	25	12	21.00	21.00	20.81		
10	16QAM	25	25	20.85	20.90	20.96		
10	16QAM	50	0	20.79	20.75	20.89		
10	64QAM	1	0	20.79	20.76	20.95	22	0
10	64QAM	1	25	20.76	20.85	20.71		
10	64QAM	1	49	20.90	20.88	20.96		
10	64QAM	25	0	20.44	20.42	20.28	21.5	0.5
10	64QAM	25	12	20.35	20.31	20.22		
10	64QAM	25	25	20.43	20.43	20.32		
10	64QAM	50	0	20.50	20.52	20.17		
10	256QAM	1	0	20.53	20.38	20.36	21.5	0.5
10	256QAM	1	25	20.53	20.42	20.38		
10	256QAM	1	49	20.31	20.41	20.32		
10	256QAM	25	0	18.27	18.55	18.30	19.5	2.5
10	256QAM	25	12	18.29	18.42	18.39		
10	256QAM	25	25	18.30	18.44	18.20		
10	256QAM	50	0	18.44	18.43	18.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.01	21.11	20.99	22	0
5	QPSK	1	12	20.99	20.80	20.99		
5	QPSK	1	24	21.05	20.90	21.00		
5	QPSK	12	0	20.91	20.96	20.98	22	0
5	QPSK	12	7	20.85	20.93	20.74		
5	QPSK	12	13	21.01	21.02	20.79		
5	QPSK	25	0	20.96	21.05	20.61		
5	16QAM	1	0	20.93	20.88	20.69	22	0
5	16QAM	1	12	21.04	20.82	20.76		
5	16QAM	1	24	20.90	20.94	20.67		
5	16QAM	12	0	20.91	20.88	20.83		
5	16QAM	12	7	20.96	20.83	20.77	22	0
5	16QAM	12	13	21.01	20.89	20.83		
5	16QAM	25	0	20.82	20.78	20.80		
5	64QAM	1	0	20.74	20.76	20.98	22	0
5	64QAM	1	12	20.82	20.91	20.79		
5	64QAM	1	24	20.77	20.87	20.98		
5	64QAM	12	0	20.56	20.49	20.39	21.5	0.5
5	64QAM	12	7	20.32	20.39	20.22		
5	64QAM	12	13	20.57	20.35	20.15		
5	64QAM	25	0	20.33	20.43	20.24		
5	256QAM	1	0	20.46	20.32	20.26	21.5	0.5
5	256QAM	1	12	20.40	20.33	20.24		
5	256QAM	1	24	20.50	20.29	20.34		
5	256QAM	12	0	18.34	18.40	18.15	19.5	2.5
5	256QAM	12	7	18.45	18.26	18.28		
5	256QAM	12	13	18.32	18.46	18.28		
5	256QAM	25	0	18.40	18.49	18.20		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.69	20.71	20.61	21.2	0
20	QPSK	1	49	20.52	20.67	20.49		
20	QPSK	1	99	20.67	20.70	20.52		
20	QPSK	50	0	20.56	20.67	20.64		
20	QPSK	50	24	20.39	20.62	20.56	21.2	0
20	QPSK	50	50	20.40	20.58	20.63		
20	QPSK	100	0	20.45	20.52	20.49		
20	16QAM	1	0	20.55	20.49	20.61		
20	16QAM	1	49	20.37	20.59	20.61	21.2	0
20	16QAM	1	99	20.37	20.62	20.49		
20	16QAM	50	0	20.45	20.49	20.55		
20	16QAM	50	24	20.45	20.63	20.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.01	19.08	19.17	19.10	19.14		
20	QPSK	1	49	18.91	18.89	19.02	19.05	19.03	20	0
20	QPSK	1	99	18.93	19.07	18.97	19.05	18.97		
20	QPSK	50	0	18.93	19.00	19.10	19.07	19.08		
20	QPSK	50	24	18.79	18.87	19.02	18.90	18.91	20	0
20	QPSK	50	50	18.85	18.89	18.90	18.89	19.05		
20	QPSK	100	0	18.82	18.91	19.05	18.97	18.92		
20	16QAM	1	0	18.77	18.91	19.10	18.91	18.98		
20	16QAM	1	49	18.92	18.81	19.02	18.90	18.97	20	0
20	16QAM	1	99	18.87	18.92	19.01	18.94	18.97		
20	16QAM	50	0	18.74	18.83	19.05	19.06	19.08		
20	16QAM	50	24	18.90	18.98	19.10	18.92	18.88	20	0
20	16QAM	50	50	18.77	18.86	19.04	18.94	19.04		
20	16QAM	100	0	18.89	18.87	19.00	18.99	18.90		
20	64QAM	1	0	18.73	18.84	18.94	19.01	18.90		
20	64QAM	1	49	18.86	18.82	18.92	18.95	18.97	20	0
20	64QAM	1	99	18.93	18.92	19.05	19.07	19.00		
20	64QAM	50	0	18.74	18.85	19.09	18.97	19.01		
20	64QAM	50	24	18.91	18.83	18.97	19.04	18.92	20	0
20	64QAM	50	50	18.76	18.99	19.09	18.90	19.01		
20	64QAM	100	0	18.88	18.99	18.94	19.01	18.88		
20	256QAM	1	0	18.41	18.32	18.41	18.39	18.57		
20	256QAM	1	49	18.29	18.47	18.60	18.51	18.57	19.5	0.5
20	256QAM	1	99	18.34	18.44	18.58	18.41	18.58		
20	256QAM	50	0	18.38	18.31	18.46	18.48	18.40		
20	256QAM	50	24	18.32	18.48	18.44	18.39	18.41	19.5	0.5
20	256QAM	50	50	18.38	18.49	18.54	18.43	18.44		
20	256QAM	100	0	18.24	18.34	18.48	18.50	18.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.84	18.86	19.05	18.88	18.87		
15	QPSK	1	37	18.75	18.65	18.92	18.89	18.94	20	0
15	QPSK	1	74	18.79	18.85	18.77	18.92	18.87		
15	QPSK	36	0	18.71	18.85	18.81	18.94	18.81		
15	QPSK	36	20	18.54	18.65	18.84	18.70	18.78	20	0
15	QPSK	36	39	18.58	18.71	18.79	18.66	18.80		
15	QPSK	75	0	18.53	18.77	18.77	18.83	18.76		
15	16QAM	1	0	18.54	18.71	18.81	18.69	18.86		
15	16QAM	1	37	18.63	18.52	18.79	18.62	18.83	20	0
15	16QAM	1	74	18.74	18.64	18.72	18.79	18.82		
15	16QAM	36	0	18.48	18.72	18.94	18.79	18.86		
15	16QAM	36	20	18.72	18.67	18.82	18.77	18.63	20	0
15	16QAM	36	39	18.64	18.58	18.93	18.84	18.75		
15	16QAM	75	0	18.66	18.73	18.87	18.79	18.63		
15	64QAM	1	0	18.63	18.62	18.64	18.80	18.71		
15	64QAM	1	37	18.65	18.60	18.73	18.71	18.75	20	0
15	64QAM	1	74	18.79	18.75	18.77	18.79	18.77		
15	64QAM	36	0	18.58	18.73	18.85	18.64	18.86		
15	64QAM	36	20	18.77	18.70	18.77	18.92	18.76	20	0
15	64QAM	36	39	18.48	18.78	18.86	18.74	18.73		
15	64QAM	75	0	18.63	18.88	18.84	18.83	18.63		
15	256QAM	1	0	18.26	18.19	18.27	18.19	18.32		
15	256QAM	1	37	18.06	18.24	18.41	18.21	18.29	19.5	0.5
15	256QAM	1	74	18.13	18.24	18.41	18.27	18.43		
15	256QAM	36	0	18.24	18.01	18.27	18.28	18.27		
15	256QAM	36	20	18.16	18.37	18.15	18.19	18.21	19.5	0.5
15	256QAM	36	39	18.19	18.36	18.37	18.28	18.34		
15	256QAM	75	0	17.94	18.19	18.37	18.33	18.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.77	18.83	19.02	18.84	19.03		
10	QPSK	1	25	18.69	18.67	18.84	18.76	18.89	20	0
10	QPSK	1	49	18.74	18.78	18.81	18.90	18.70		
10	QPSK	25	0	18.71	18.85	18.81	18.78	18.97		
10	QPSK	25	12	18.50	18.74	18.77	18.84	18.73	20	0
10	QPSK	25	25	18.58	18.76	18.74	18.60	18.95		
10	QPSK	50	0	18.61	18.79	18.92	18.84	18.71		
10	16QAM	1	0	18.51	18.71	18.93	18.63	18.81		
10	16QAM	1	25	18.81	18.66	18.92	18.61	18.84	20	0
10	16QAM	1	49	18.68	18.74	18.75	18.84	18.84		
10	16QAM	25	0	18.62	18.73	18.89	18.90	18.95		
10	16QAM	25	12	18.79	18.82	18.85	18.78	18.66	20	0
10	16QAM	25	25	18.61	18.66	18.74	18.76	18.84		
10	16QAM	50	0	18.69	18.65	18.70	18.89	18.80		
10	64QAM	1	0	18.49	18.60	18.79	18.82	18.70		
10	64QAM	1	25	18.57	18.59	18.77	18.60	18.80	20	0
10	64QAM	1	49	18.70	18.68	18.82	18.95	18.79		
10	64QAM	25	0	18.45	18.68	18.94	18.73	18.86		
10	64QAM	25	12	18.73	18.72	18.71	18.88	18.71	20	0
10	64QAM	25	25	18.58	18.76	18.95	18.60	18.78		
10	64QAM	50	0	18.70	18.73	18.76	18.87	18.78		
10	256QAM	1	0	18.31	18.11	18.30	18.12	18.33		
10	256QAM	1	25	18.11	18.18	18.44	18.35	18.42	19.5	0.5
10	256QAM	1	49	18.19	18.18	18.29	18.34	18.34		
10	256QAM	25	0	18.16	18.06	18.22	18.30	18.13		
10	256QAM	25	12	18.17	18.30	18.33	18.21	18.17	19.5	0.5
10	256QAM	25	25	18.27	18.33	18.33	18.22	18.29		
10	256QAM	50	0	18.00	18.05	18.05	18.04	18.04		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.84	18.92	18.92	18.88	18.96		
5	QPSK	1	12	18.65	18.76	18.84	18.85	18.82	20	0
5	QPSK	1	24	18.73	18.88	18.74	18.75	18.74		
5	QPSK	12	0	18.71	18.87	18.80	18.78	18.82		
5	QPSK	12	7	18.65	18.82	18.79	18.65	18.69	20	0
5	QPSK	12	13	18.66	18.69	18.78	18.60	18.91		
5	QPSK	25	0	18.70	18.63	18.76	18.78	18.82		
5	16QAM	1	0	18.50	18.65	18.93	18.77	18.87		
5	16QAM	1	12	18.65	18.51	18.72	18.67	18.82	20	0
5	16QAM	1	24	18.57	18.66	18.85	18.77	18.92		
5	16QAM	12	0	18.46	18.53	18.92	18.92	18.88		
5	16QAM	12	7	18.78	18.74	18.94	18.66	18.59	20	0
5	16QAM	12	13	18.61	18.58	18.77	18.64	18.75		
5	16QAM	25	0	18.73	18.62	18.96	18.82	18.64		
5	64QAM	1	0	18.48	18.54	18.64	18.79	18.62		
5	64QAM	1	12	18.62	18.66	18.66	18.65	18.69	20	0
5	64QAM	1	24	18.78	18.62	18.77	18.73	18.77		
5	64QAM	12	0	18.57	18.80	18.80	18.59	18.64		
5	64QAM	12	7	18.61	18.60	18.84	18.63	18.66	20	0
5	64QAM	12	13	18.60	18.63	18.88	18.66	18.72		
5	64QAM	25	0	18.72	18.70	18.73	18.81	18.61		
5	256QAM	1	0	18.18	18.04	18.14	18.25	18.47		
5	256QAM	1	12	18.18	18.27	18.36	18.29	18.47	19.5	0.5
5	256QAM	1	24	18.09	18.22	18.35	18.24	18.40		
5	256QAM	12	0	18.20	18.05	18.28	18.34	18.30		
5	256QAM	12	7	18.06	18.20	18.23	18.09	18.31	19.5	0.5
5	256QAM	12	13	18.22	18.21	18.36	18.25	18.33		
5	256QAM	25	0	18.06	18.05	18.33	18.40	18.26		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.82	24.85	24.89	24.82	24.86		
20	QPSK	1	49	24.79	24.74	24.80	24.76	24.75	25.7	0
20	QPSK	1	99	24.80	24.67	23.95	24.75	24.69		
20	QPSK	50	0	24.05	24.04	24.12	24.02	24.06		
20	QPSK	50	24	23.97	23.96	23.98	24.01	24.01	24.7	1
20	QPSK	50	50	24.01	23.98	24.08	24.00	24.03		
20	QPSK	100	0	24.00	23.96	24.05	23.99	24.02		
20	16QAM	1	0	24.02	23.94	24.02	23.94	24.45		
20	16QAM	1	49	24.04	23.98	24.07	24.00	24.38	24.7	1
20	16QAM	1	99	24.09	24.15	24.06	24.07	24.23		
20	16QAM	50	0	22.90	22.95	22.99	23.01	23.41		
20	16QAM	50	24	23.04	22.96	22.99	23.01	23.39	23.7	2
20	16QAM	50	50	23.14	23.03	23.06	23.03	23.34		
20	16QAM	100	0	23.06	22.96	23.02	22.99	23.36		
20	64QAM	1	0	22.73	22.83	22.73	22.64	23.16		
20	64QAM	1	49	22.74	22.67	22.75	22.72	23.09	23.7	2
20	64QAM	1	99	22.75	22.65	22.75	22.75	22.95		
20	64QAM	50	0	21.95	21.92	21.96	21.98	22.39		
20	64QAM	50	24	22.01	21.94	21.96	21.97	22.34	22.7	3
20	64QAM	50	50	22.12	22.00	22.05	21.99	22.32		
20	64QAM	100	0	22.02	21.94	21.97	21.96	22.36		
20	256QAM	1	0	19.87	19.83	19.71	19.61	19.70		
20	256QAM	1	49	19.68	19.74	19.75	19.72	19.72	20.7	5
20	256QAM	1	99	19.79	19.76	19.85	19.83	19.75		
20	256QAM	50	0	19.58	19.64	19.65	19.56	19.63		
20	256QAM	50	24	19.68	19.66	19.77	19.69	19.75	20.7	5
20	256QAM	50	50	19.57	19.65	19.68	19.62	19.57		
20	256QAM	100	0	19.52	19.55	19.62	19.61	19.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.76	24.73	24.79	24.76	24.82		
15	QPSK	1	37	24.71	24.64	24.71	24.70	24.68	25.7	0
15	QPSK	1	74	24.77	24.63	23.90	24.65	24.64		
15	QPSK	36	0	23.93	23.95	24.02	23.93	23.98		
15	QPSK	36	20	23.86	23.84	23.91	23.94	23.95	24.7	1
15	QPSK	36	39	23.93	23.9	24.00	23.95	24.00		
15	QPSK	75	0	23.98	23.88	24.02	23.94	24.00		
15	16QAM	1	0	23.99	23.93	24.00	23.83	24.41		
15	16QAM	1	37	23.95	23.88	24.04	23.90	24.28	24.7	1
15	16QAM	1	74	24.06	24.06	23.95	24.01	24.19		
15	16QAM	36	0	22.94	22.87	22.90	22.95	23.31		
15	16QAM	36	20	23.01	22.94	22.95	22.97	23.37	23.7	2
15	16QAM	36	39	23.05	22.94	22.98	23.02	23.27		
15	16QAM	75	0	23.03	22.94	22.90	22.98	23.33		
15	64QAM	1	0	22.61	22.55	22.67	22.53	23.04		
15	64QAM	1	37	22.76	22.59	22.71	22.62	23.06	23.7	2
15	64QAM	1	74	22.74	22.74	22.73	22.71	22.94		
15	64QAM	36	0	21.84	21.8	21.89	21.86	22.38		
15	64QAM	36	20	21.94	21.85	21.86	21.92	22.23	22.7	3
15	64QAM	36	39	22.08	21.98	22.00	21.94	22.25		
15	64QAM	75	0	21.93	21.82	21.87	21.95	22.34		
15	256QAM	1	0	19.63	19.54	19.63	19.56	19.58		
15	256QAM	1	37	19.67	19.71	19.73	19.70	19.68	20.7	5
15	256QAM	1	74	19.78	19.66	19.78	19.79	19.72		
15	256QAM	36	0	19.53	19.53	19.64	19.47	19.60		
15	256QAM	36	20	19.59	19.62	19.69	19.68	19.72	20.7	5
15	256QAM	36	39	19.52	19.55	19.62	19.60	19.45		
15	256QAM	75	0	19.47	19.52	19.61	19.60	19.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.79	24.81	24.80	24.73	24.82		
10	QPSK	1	25	24.71	24.71	24.68	24.72	24.73	25.7	0
10	QPSK	1	49	24.77	24.56	23.91	24.73	24.66		
10	QPSK	25	0	23.99	23.95	24.08	23.90	24.02		
10	QPSK	25	12	23.87	23.91	23.95	23.90	23.90	24.7	1
10	QPSK	25	25	23.97	23.92	24.06	23.96	23.92		
10	QPSK	50	0	23.90	23.94	24.01	23.96	23.95		
10	16QAM	1	0	24.01	23.91	23.90	23.88	24.43		
10	16QAM	1	25	23.97	23.96	23.95	23.94	24.27	24.7	1
10	16QAM	1	49	24.03	24.13	23.94	23.98	24.11		
10	16QAM	25	0	22.87	22.87	22.88	22.87	22.89		
10	16QAM	25	12	23.01	22.92	22.98	22.89	23.35	23.7	2
10	16QAM	25	25	23.02	22.99	23.02	23.01	23.32		
10	16QAM	50	0	23.06	22.86	22.90	22.94	23.26		
10	64QAM	1	0	22.63	22.56	22.65	22.52	23.14		
10	64QAM	1	25	22.65	22.61	22.67	22.66	23.05	23.7	2
10	64QAM	1	49	22.67	22.83	22.73	22.69	22.86		
10	64QAM	25	0	21.94	21.86	21.88	21.90	22.36		
10	64QAM	25	12	21.96	21.97	21.88	21.96	22.22	22.7	3
10	64QAM	25	25	22.07	21.98	21.96	21.91	22.31		
10	64QAM	50	0	21.84	21.88	21.86	21.93	22.27		
10	256QAM	1	0	19.62	19.54	19.67	19.51	19.63		
10	256QAM	1	25	19.63	19.68	19.73	19.62	19.70	20.7	5
10	256QAM	1	49	19.69	19.71	19.79	19.78	19.76		
10	256QAM	25	0	19.57	19.61	19.57	19.46	19.60		
10	256QAM	25	12	19.61	19.63	19.66	19.68	19.65	20.7	5
10	256QAM	25	25	19.45	19.56	19.61	19.55	19.47		
10	256QAM	50	0	19.42	19.52	19.59	19.54	19.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.79	24.81	24.79	24.76		
5	QPSK	1	12	24.76	24.64	24.74	24.69	24.68	25.7	0
5	QPSK	1	24	24.72	24.64	23.90	24.69	24.67		
5	QPSK	12	0	24.03	23.97	24.03	24.00	24.01		
5	QPSK	12	7	23.93	23.93	23.89	24.00	23.94	24.7	1
5	QPSK	12	13	23.96	23.96	24.06	23.94	23.94		
5	QPSK	25	0	23.97	23.92	23.97	23.94	23.93		
5	16QAM	1	0	24.01	23.87	23.96	23.89	24.35		
5	16QAM	1	12	24.01	23.94	24.01	23.97	24.28	24.7	1
5	16QAM	1	24	23.98	24.10	23.96	24.03	24.10		
5	16QAM	12	0	22.93	22.91	22.88	22.95	23.34		
5	16QAM	12	7	23.03	22.87	22.87	22.97	23.36	23.7	2
5	16QAM	12	13	23.12	22.92	23.01	22.98	23.27		
5	16QAM	25	0	22.97	22.90	23.01	22.97	23.28		
5	64QAM	1	0	22.68	22.59	22.70	22.58	23.13		
5	64QAM	1	12	22.73	22.62	22.68	22.60	23.06	23.7	2
5	64QAM	1	24	22.77	22.73	22.71	22.64	22.91		
5	64QAM	12	0	21.88	21.90	21.86	21.90	22.35		
5	64QAM	12	7	21.96	21.91	21.86	21.90	22.24	22.7	3
5	64QAM	12	13	22.03	21.94	21.97	21.87	22.24		
5	64QAM	25	0	21.97	21.91	21.89	21.91	22.31		
5	256QAM	1	0	19.62	19.53	19.61	19.58	19.62		
5	256QAM	1	12	19.56	19.70	19.67	19.70	19.71	20.7	5
5	256QAM	1	24	19.72	19.64	19.82	19.80	19.67		
5	256QAM	12	0	19.52	19.58	19.56	19.54	19.62		
5	256QAM	12	7	19.57	19.59	19.76	19.59	19.74	20.7	5
5	256QAM	12	13	19.56	19.60	19.65	19.53	19.53		
5	256QAM	25	0	19.42	19.47	19.54	19.52	19.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.08	21.01	21.22	21.13	21.17		
20	QPSK	1	49	21.03	20.94	21.12	21.10	21.15	22	0
20	QPSK	1	99	20.99	20.81	21.17	21.04	21.11		
20	QPSK	50	0	21.05	20.94	21.16	21.14	21.17		
20	QPSK	50	24	21.01	20.88	21.09	21.12	21.11	22	0
20	QPSK	50	50	20.91	20.86	21.14	21.08	21.15		
20	QPSK	100	0	21.05	20.92	21.17	21.11	21.05		
20	16QAM	1	0	21.06	20.85	21.09	21.10	21.14		
20	16QAM	1	49	21.08	20.89	21.19	21.14	21.12	22	0
20	16QAM	1	99	21.02	21.04	21.20	21.16	21.16		
20	16QAM	50	0	21.01	20.85	21.09	21.16	21.16		
20	16QAM	50	24	21.07	20.89	21.11	21.16	21.08	22	0
20	16QAM	50	50	20.99	20.95	21.20	21.16	21.17		
20	16QAM	100	0	21.08	20.87	21.12	21.14	21.18		
20	64QAM	1	0	20.74	20.54	20.93	20.80	21.12		
20	64QAM	1	49	20.78	20.58	20.86	20.86	21.01	22	0
20	64QAM	1	99	20.81	20.75	20.91	20.87	20.86		
20	64QAM	50	0	20.61	20.39	20.58	20.64	20.85		
20	64QAM	50	24	20.56	20.36	20.59	20.61	20.78	21.5	0.5
20	64QAM	50	50	20.64	20.41	20.67	20.62	20.74		
20	64QAM	100	0	20.54	20.36	20.62	20.62	20.77		
20	256QAM	1	0	18.17	18.18	18.42	18.38	18.75		
20	256QAM	1	49	18.58	18.12	18.37	18.28	18.69	19.5	2.5
20	256QAM	1	99	18.66	18.07	18.28	18.36	18.58		
20	256QAM	50	0	18.08	18.03	18.33	18.28	18.67		
20	256QAM	50	24	18.13	18.09	18.40	18.35	18.69		
20	256QAM	50	50	18.06	18.04	18.36	18.38	18.57	19.5	2.5
20	256QAM	100	0	17.98	18.00	18.39	18.33	18.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.96	20.95	21.02	21.04	21.02		
15	QPSK	1	37	21.02	20.79	20.92	20.92	20.95	22	0
15	QPSK	1	74	20.81	20.79	21.10	20.91	21.04		
15	QPSK	36	0	21.02	20.79	21.04	21.03	21.02		
15	QPSK	36	20	21.00	20.76	21.08	21.09	21.04	22	0
15	QPSK	36	39	20.87	20.73	21.01	20.89	21.14		
15	QPSK	75	0	20.98	20.79	21.15	21.03	21.03		
15	16QAM	1	0	21.00	20.75	21.04	21.01	20.98		
15	16QAM	1	37	20.90	20.79	21.02	21.08	20.97	22	0
15	16QAM	1	74	20.98	20.93	21.05	21.06	21.01		
15	16QAM	36	0	20.97	20.70	20.94	21.08	20.98		
15	16QAM	36	20	20.92	20.70	21.01	21.06	21.05	22	0
15	16QAM	36	39	20.94	20.87	21.16	20.99	21.06		
15	16QAM	75	0	21.05	20.68	21.01	21.07	21.07		
15	64QAM	1	0	20.65	20.53	20.71	20.70	21.07		
15	64QAM	1	37	20.69	20.50	20.82	20.85	20.93	22	0
15	64QAM	1	74	20.65	20.69	20.79	20.77	20.78		
15	64QAM	36	0	20.46	20.33	20.39	20.63	20.78		
15	64QA

Reduced Power for DSI 1

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.15	33.09	**34.00**	23.98	24.15	24.09	**25.00**
GPRS 1 Tx slot	33.02	33.17	33.12	**34.00**	24.02	24.17	24.12	**25.00**
GPRS 2 Tx slots	29.81	30.16	30.11	**31.00**	23.81	24.16	24.11	**25.00**
GPRS 3 Tx slots	28.00	28.32	28.33	**29.20**	23.74	24.06	24.07	**24.94**
GPRS 4 Tx slots	26.60	27.15	26.95	**28.00**	23.60	24.15	23.95	**25.00**
EDGE 1 Tx slot	27.21	27.12	27.28	**28.00**	18.21	18.12	18.28	**19.00**
EDGE 2 Tx slots	24.15	24.18	24.46	**25.00**	18.15	18.18	18.46	**19.00**
EDGE 3 Tx slots	22.44	22.35	22.30	**23.20**	18.18	18.09	18.04	**18.94**
EDGE 4 Tx slots	21.03	21.12	21.09	**22.00**	18.03	18.12	18.09	**19.00**

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.32	32.43	32.35	**33.50**	23.32	23.43	23.35	**24.50**
GPRS 1 Tx slot	32.37	32.46	32.41	**33.50**	23.37	23.46	23.41	**24.50**
GPRS 2 Tx slots	29.15	29.51	29.41	**30.50**	23.15	23.51	23.41	**24.50**
GPRS 3 Tx slots	27.38	27.71	27.63	**28.70**	23.12	23.45	23.37	**24.44**
GPRS 4 Tx slots	26.02	26.60	26.24	**27.50**	23.02	23.60	23.24	**24.50**
EDGE 1 Tx slot	26.48	26.79	26.38	**27.50**	17.48	17.79	17.38	**18.50**
EDGE 2 Tx slots	23.52	23.56	23.79	**24.50**	17.52	17.56	17.79	**18.50**
EDGE 3 Tx slots	21.71	21.70	21.59	**22.70**	17.45	17.44	17.33	**18.44**
EDGE 4 Tx slots	20.37	20.34	20.26	**21.50**	17.37	17.34	17.26	**18.50**

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.06	29.09	28.95	**30.00**	20.06	20.09	19.95	**21.00**
GPRS 1 Tx slot	29.07	29.11	29.03	**30.00**	20.07	20.11	20.03	**21.00**
GPRS 2 Tx slots	26.32	26.05	26.15	**27.00**	20.32	20.05	20.15	**21.00**
GPRS 3 Tx slots	24.51	24.24	24.27	**25.20**	20.25	19.98	20.01	**20.94**
GPRS 4 Tx slots	22.98	23.05	22.92	**24.00**	19.98	20.05	19.92	**21.00**
EDGE 1 Tx slot	25.34	25.21	25.48	**26.00**	16.34	16.21	16.48	**17.00**
EDGE 2 Tx slots	22.04	22.25	22.21	**23.00**	16.04	16.25	16.21	**17.00**
EDGE 3 Tx slots	19.92	19.94	20.11	**21.20**	15.66	15.68	15.85	**16.94**
EDGE 4 Tx slots	18.25	18.31	18.52	**20.00**	15.25	15.31	15.52	**17.00**

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.18	30.20	30.13	**31.00**	21.18	21.20	21.13	**22.00**
GPRS 1 Tx slot	30.19	30.22	30.16	**31.00**	21.19	21.22	21.16	**22.00**
GPRS 2 Tx slots	27.51	27.44	27.45	**28.00**	21.51	21.44	21.45	**22.00**
GPRS 3 Tx slots	25.73	25.51	25.70	**26.20**	21.47	21.25	21.44	**21.94**
GPRS 4 Tx slots	24.30	24.36	24.35	**25.00**	21.30	21.36	21.35	**22.00**
EDGE 1 Tx slot	26.61	26.70	26.88	**27.00**	17.61	17.70	17.88	**18.00**
EDGE 2 Tx slots	23.45	23.74	23.59	**24.00**	17.45	17.74	17.59	**18.00**
EDGE 3 Tx slots	21.24	21.59	21.47	**22.20**	16.98	17.33	17.21	**17.94**
EDGE 4 Tx slots	19.65	19.74	19.88	**21.00**	16.65	16.74	16.88	**18.00**

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	21.56	21.62	21.41	23.00	20.17	20.32	20.05	21.00
3GPP Rel 99	RMC 12.2Kbps	21.67	21.71	21.57	23.00	20.60	20.68	20.49	21.00
3GPP Rel 6	HSDPA Subtest-1	20.66	20.77	20.78	22.00	19.45	19.81	19.68	20.00
3GPP Rel 6	HSDPA Subtest-2	20.67	20.70	20.87	22.00	19.36	19.68	19.56	20.00
3GPP Rel 6	HSDPA Subtest-3	20.30	20.31	20.17	21.50	19.20	19.27	19.10	19.50
3GPP Rel 6	HSDPA Subtest-4	20.11	20.51	20.31	21.50	19.00	19.22	19.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.70	20.89	20.82	22.00	19.45	19.55	19.33	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.73	20.84	20.69	22.00	19.48	19.65	19.58	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.13	20.11	20.01	21.50	19.04	19.25	19.07	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.20	19.99	20.09	21.50	19.22	19.18	19.02	19.50
3GPP Rel 6	HSUPA Subtest-1	20.33	20.57	20.30	22.00	18.95	19.04	18.85	20.00
3GPP Rel 6	HSUPA Subtest-2	20.33	20.48	20.42	22.00	18.90	18.92	18.86	20.00
3GPP Rel 6	HSUPA Subtest-3	19.90	20.02	19.84	21.50	18.44	18.51	18.47	19.50
3GPP Rel 6	HSUPA Subtest-4	20.44	20.48	20.33	22.00	18.96	19.07	18.96	20.00
3GPP Rel 6	HSUPA Subtest-5	19.36	19.49	20.39	21.00	17.99	17.91	18.02	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.81	19.88	19.78	20.00	17.02	17.11	16.98	18.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.68	21.72	21.64	23.00	22.60	22.56	22.51	23.00
3GPP Rel 99	RMC 12.2Kbps	21.71	21.73	21.66	23.00	22.64	22.73	22.53	23.00
3GPP Rel 6	HSDPA Subtest-1	20.76	20.87	20.98	22.00	21.75	21.78	21.66	22.00
3GPP Rel 6	HSDPA Subtest-2	20.72	20.95	20.75	22.00	21.77	21.78	21.60	22.00
3GPP Rel 6	HSDPA Subtest-3	20.33	20.52	20.27	21.50	21.27	21.28	21.17	21.50
3GPP Rel 6	HSDPA Subtest-4	20.33	20.45	20.30	21.50	21.38	21.24	21.10	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.77	20.96	20.62	22.00	21.61	21.62	21.66	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.85	20.91	20.62	22.00	21.56	21.67	21.43	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.33	20.46	20.41	21.50	20.95	21.11	21.14	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.24	20.43	20.38	21.50	21.21	21.06	21.00	21.50
3GPP Rel 6	HSUPA Subtest-1	20.46	20.55	20.45	22.00	21.20	21.13	21.07	22.00
3GPP Rel 6	HSUPA Subtest-2	20.39	20.43	20.47	22.00	21.10	21.16	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	19.86	19.96	19.90	21.50	20.53	20.78	20.67	21.50
3GPP Rel 6	HSUPA Subtest-4	20.32	20.46	20.39	22.00	21.00	21.07	21.17	22.00
3GPP Rel 6	HSUPA Subtest-5	19.36	19.53	19.46	21.00	19.97	20.04	20.08	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.81	18.89	18.85	20.00	19.25	19.32	19.23	20.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.30	24.32	25.00	23.33	23.36	23.34	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.40	24.35	25.00	23.48	23.56	23.54	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.31	23.47	24.00	22.34	22.44	22.56	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.29	23.42	24.00	22.31	22.39	22.58	24.00
3GPP Rel 6	HSDPA Subtest-3	22.79	22.80	22.97	23.50	21.80	21.93	22.07	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.83	22.90	23.50	21.84	21.87	22.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.42	23.39	24.00	22.42	22.55	22.41	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.38	23.34	24.00	22.53	22.54	22.47	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.81	22.68	23.50	21.94	22.08	22.01	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.84	22.88	22.77	23.50	21.99	22.05	21.98	23.50
3GPP Rel 6	HSUPA Subtest-1	23.28	23.36	23.33	24.00	22.54	22.63	22.55	24.00
3GPP Rel 6	HSUPA Subtest-2	23.24	23.32	23.29	24.00	22.56	22.61	22.59	24.00
3GPP Rel 6	HSUPA Subtest-3	22.80	22.87	22.81	23.50	21.91	22.04	22.01	23.50
3GPP Rel 6	HSUPA Subtest-4	23.22	23.25	23.21	24.00	22.55	22.59	22.57	24.00
3GPP Rel 6	HSUPA Subtest-5	22.19	22.29	22.24	23.00	21.70	21.89	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.31	21.23	22.00	20.77	21.05	20.96	22.00

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1910		
20	QPSK	1	0	19.91	19.95	19.94		
20	QPSK	1	49	19.77	19.83	19.84	21	0
20	QPSK	1	99	19.76	19.90	19.92		
20	QPSK	50	0	19.85	19.90	19.87		
20	QPSK	50	24	19.82	19.76	19.86	21	0
20	QPSK	50	50	19.84	19.78	19.73		
20	QPSK	100	0	19.83	19.83	19.80		
20	16QAM	1	0	19.76	19.69	19.74		
20	16QAM	1	49	19.65	19.83	19.85	21	0
20	16QAM	1	99	19.84	19.79	19.85		
20	16QAM	50	0	19.73	19.71	19.77		
20	16QAM	50	24	19.85	19.86	19.84	21	0
20	16QAM	50	50	19.82	19.78	19.79		
20	16QAM	100	0	19.75	19.84	19.82		
20	64QAM	1	0	19.68	19.82	19.76		
20	64QAM	1	49	19.80	19.69	19.78	21	0
20	64QAM	1	99	19.79	19.69	19.75		
20	64QAM	50	0	19.83	19.84	19.83		
20	64QAM	50	24	19.82	19.77	19.73	21	0
20	64QAM	50	50	19.75	19.76	19.72		
20	64QAM	100	0	19.76	19.68	19.77		
20	256QAM	1	0	18.85	18.75	18.88		
20	256QAM	1	49	18.82	18.72	18.76	20	1
20	256QAM	1	99	18.79	18.72	18.84		
20	256QAM	50	0	18.82	18.73	18.89		
20	256QAM	50	24	18.86	18.77	18.84	20	1
20	256QAM	50	50	18.79	18.82	18.77		
20	256QAM	100	0	18.81	18.87	18.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.80	19.92	19.85		
15	QPSK	1	37	19.71	19.73	19.77	21	0
15	QPSK	1	74	19.62	19.86	19.84		
15	QPSK	36	0	19.68	19.84	19.70		
15	QPSK	36	20	19.81	19.70	19.82	21	0
15	QPSK	36	39	19.83	19.59	19.72		
15	QPSK	75	0	19.70	19.76	19.69		
15	16QAM	1	0	19.51	19.54	19.69		
15	16QAM	1	37	19.51	19.72	19.79	21	0
15	16QAM	1	74	19.68	19.77	19.71		
15	16QAM	36	0	19.61	19.58	19.59		
15	16QAM	36	20	19.84	19.77	19.71	21	0
15	16QAM	36	39	19.81	19.51	19.67		
15	16QAM	75	0	19.64	19.81	19.81		
15	64QAM	1	0	19.53	19.80	19.76		
15	64QAM	1	37	19.62	19.67	19.72	21	0
15	64QAM	1	74	19.77	19.69	19.85		
15	64QAM	36	0	19.78	19.78	19.73		
15	64QAM	36	20	19.65	19.69	19.55	21	0
15	64QAM	36	39	19.74	19.68	19.68		
15	64QAM	75	0	19.68	19.68	19.71		
15	256QAM	1	0	18.78	18.66	18.76		
15	256QAM	1	37	18.62	18.52	18.73	20	1
15	256QAM	1	74	18.62	18.70	18.69		
15	256QAM	36	0	18.72	18.57	18.68		
15	256QAM	36	20	18.68	18.72	18.64	20	1
15	256QAM	36	39	18.63	18.62	18.70		
15	256QAM	75	0	18.62	18.87	18.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.90	19.84	19.76		
10	QPSK	1	25	19.60	19.68	19.83	21	0
10	QPSK	1	49	19.70	19.80	19.83		
10	QPSK	25	0	19.68	19.75	19.66		
10	QPSK	25	12	19.75	19.72	19.85	21	0
10	QPSK	25	25	19.75	19.62	19.64		
10	QPSK	50	0	19.75	19.77	19.60		
10	16QAM	1	0	19.72	19.61	19.77		
10	16QAM	1	25	19.65	19.77	19.69	21	0
10	16QAM	1	49	19.73	19.69	19.79		
10	16QAM	25	0	19.60	19.53	19.70		
10	16QAM	25	12	19.66	19.66	19.72	21	0
10	16QAM	25	25	19.69	19.59	19.70		
10	16QAM	50	0	19.75	19.79	19.67		
10	64QAM	1	0	19.57	19.77	19.70		
10	64QAM	1	25	19.70	19.65	19.58	21	0
10	64QAM	1	49	19.75	19.49	19.74		
10	64QAM	25	0	19.66	19.81	19.78		
10	64QAM	25	12	19.71	19.77	19.71	21	0
10	64QAM	25	25	19.55	19.61	19.72		
10	64QAM	50	0	19.72	19.57	19.64		
10	256QAM	1	0	18.71	18.61	18.71		
10	256QAM	1	25	18.67	18.60	18.61	20	1
10	256QAM	1	49	18.66	18.62	18.66		
10	256QAM	25	0	18.63	18.60	18.87		
10	256QAM	25	12	18.66	18.64	18.69	20	1
10	256QAM	25	25	18.62	18.63	18.68		
10	256QAM	50	0	18.76	18.69	18.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.92	19.74	19.80		
5	QPSK	1	12	19.75	19.82	19.67	21	0
5	QPSK	1	24	19.56	19.83	19.87		
5	QPSK	12	0	19.84	19.86	19.71		
5	QPSK	12	7	19.72	19.63	19.76	21	0
5	QPSK	12	13	19.71	19.61	19.67		
5	QPSK	25	0	19.83	19.65	19.70		
5	16QAM	1	0	19.74	19.78	19.70		
5	16QAM	1	12	19.48	19.68	19.75	21	0
5	16QAM	1	24	19.73	19.63	19.74		
5	16QAM	12	0	19.66	19.70	19.59		
5	16QAM	12	7	19.63	19.74	19.68	21	0
5	16QAM	12	13	19.76	19.68	19.78		
5	16QAM	25	0	19.60	19.69	19.63		
5	64QAM	1	0	19.63	19.64	19.62		
5	64QAM	1	12	19.66	19.51	19.69	21	0
5	64QAM	1	24	19.61	19.68	19.64		
5	64QAM	12	0	19.80	19.66	19.68		
5	64QAM	12	7	19.65	19.75	19.59	21	0
5	64QAM	12	13	19.66	19.56	19.71		
5	64QAM	25	0	19.63	19.64	19.73		
5	256QAM	1	0	18.83	18.72	18.86		
5	256QAM	1	12	18.64	18.64	18.60	20	1
5	256QAM	1	24	18.75	18.68	18.84		
5	256QAM	12	0	18.67	18.53	18.83		
5	256QAM	12	7	18.60	18.71	18.74	20	1
5	256QAM	12	13	18.63	18.81	18.77		
5	256QAM	25	0	18.76	18.76	18.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.76	19.73	19.89		
3	QPSK	1	8	19.75	19.69	19.70	21	0
3	QPSK	1	14	19.56	19.85	19.76		
3	QPSK	8	0	19.72	19.81	19.77		
3	QPSK	8	4	19.74	19.73	19.84	21	0
3	QPSK	8	7	19.79	19.73	19.55		
3	QPSK	15	0	19.55	19.74	19.62		
3	16QAM	1	0	19.64	19.49	19.73		
3	16QAM	1	8	19.59	19.65	19.88	21	0
3	16QAM	1	14	19.67	19.61	19.75		
3	16QAM	8	0	19.56	19.61	19.59		
3	16QAM	8	4	19.65	19.75	19.89	21	0
3	16QAM	8	7	19.82	19.56	19.88		
3	16QAM	15	0	19.60	19.80	19.68		
3	64QAM	1	0	19.49	19.67	19.65		
3	64QAM	1	8	19.68	19.61	19.83	21	0
3	64QAM	1	14	19.78	19.55	19.74		
3	64QAM	8	0	19.81	19.66	19.63		
3	64QAM	8	4	19.63	19.57	19.68	21	0
3	64QAM	8	7	19.55	19.58	19.66		
3	64QAM	15	0	19.71	19.61	19.64		
3	256QAM	1	0	18.82	18.75	18.72		
3	256QAM	1	8	18.63	18.63	18.68	20	1
3	256QAM	1	14	18.84	18.82	18.80		
3	256QAM	8	0	18.67	18.54	18.75		
3	256QAM	8	4	18.80	18.69	18.82	20	1
3	256QAM	8	7	18.65	18.69	18.67		
3	256QAM	15	0	18.80	18.79	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.91	19.74	19.87		
1.4	QPSK	1	3	19.64	19.63	19.79		
1.4	QPSK	1	5	19.78	19.78	19.74	21	0
1.4	QPSK	3	0	19.68	19.83	19.76		
1.4	QPSK	3	1	19.74	19.64	19.76		
1.4	QPSK	3	3	19.70	19.69	19.59		
1.4	QPSK	6	0	19.75	19.70	19.75	21	0
1.4	16QAM	1	0	19.57	19.68	19.83		
1.4	16QAM	1	3	19.52	19.77	19.81		
1.4	16QAM	1	5	19.66	19.79	19.67	21	0
1.4	16QAM	3	0	19.64	19.63	19.69		
1.4	16QAM	3	1	19.68	19.85	19.71		
1.4	16QAM	3	3	19.68	19.58	19.78		
1.4	16QAM	6	0	19.73	19.79	19.76	21	0
1.4	64QAM	1	0	19.60	19.69	19.64		
1.4	64QAM	1	3	19.64	19.56	19.78		
1.4	64QAM	1	5	19.63	19.61	19.61	21	0
1.4	64QAM	3	0	19.79	19.68	19.72		
1.4	64QAM	3	1	19.57	19.53	19.53		
1.4	64QAM	3	3	19.65	19.69	19.72		
1.4	64QAM	6	0	19.56	19.67	19.68	21	0
1.4	256QAM	1	0	18.80	18.73	18.70		
1.4	256QAM	1	3	18.63	18.66	18.76		
1.4	256QAM	1	5	18.62	18.68	18.64	20	1
1.4	256QAM	3	0	18.77	18.70	18.73		
1.4	256QAM	3	1	18.61	18.75	18.76		
1.4	256QAM	3	3	18.77	18.72	18.61		
1.4	256QAM	6	0	18.62	18.78	18.69	20	1

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62		
20	QPSK	1	49	23.53	23.60	23.59	24.5	0
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.63	22.56		
20	QPSK	50	24	22.56	22.56	22.52	23.5	1
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.86	22.81	22.84		
20	16QAM	1	49	22.74	22.83	22.71	23.5	1
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53		
20	16QAM	50	24	21.49	21.52	21.55	22.5	2
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71		
20	64QAM	1	49	21.58	21.67	21.61	22.5	2
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.66	20.57		
20	64QAM	50	24	20.51	20.57	20.61	21.5	3
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.57	18.49		
20	256QAM	1	49	18.46	18.46	18.41	19.5	5
20	256QAM	1	99	18.40	18.45	18.47		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.43	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51		
15	QPSK	1	37	23.43	23.55	23.47	24.5	0
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.50	22.53	22.50		
15	QPSK	36	20	22.48	22.49	22.48	23.5	1
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72		
15	16QAM	1	37	22.69	22.82	22.68	23.5	1
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52		
15	16QAM	36	20	21.45	21.42	21.48	22.5	2
15	16QAM	36	39	21.49	21.40	21.50		
15	16QAM	75	0	21.39	21.50	21.43		
15	64QAM	1	0	21.65	21.61	21.69		
15	64QAM	1	37	21.46	21.64	21.53	22.5	2
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48		
15	64QAM	36	20	20.48	20.53	20.57	21.5	3
15	64QAM	36	39	20.54	20.46	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38		
15	256QAM	1	37	18.41	18.36	18.37	19.5	5
15	256QAM	1	74	18.35	18.36	18.43		
15	256QAM	36	0	18.47	18.40	18.57		
15	256QAM	36	20	18.62	18.55	18.50	19.5	5
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.34	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.45	23.63	23.58		
10	QPSK	1	25	23.45	23.54	23.53	24.5	0
10	QPSK	1	49	23.38	23.50	23.48		
10	QPSK	25	0	22.52	22.52	22.52		
10	QPSK	25	12	22.45	22.47	22.44	23.5	1
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.48	22.48		
10	16QAM	1	0	22.82	22.73	22.73		
10	16QAM	1	25	22.64	22.82	22.70	23.5	1
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.81	21.50		
10	16QAM	25	12	21.47	21.45	21.48	22.5	2
10	16QAM	25	25	21.47	21.46	21.46		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.62		
10	64QAM	1	25	21.53	21.62	21.56	22.5	2
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54		
10	64QAM	25	12	20.50	20.53	20.53	21.5	3
10	64QAM	25	25	20.56	20.46	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.50	18.45		
10	256QAM	1	25	18.36	18.37	18.37	19.5	5
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.49	18.37	18.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.49	23.55	23.57		
5	QPSK	1	12	23.47	23.52	23.56	24.5	0
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.62	22.50		
5	QPSK	12	7	22.49	22.50	22.43	23.5	1
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.59	22.58		
5	16QAM	1	0	22.79	22.77	22.77		
5	16QAM	1	12	22.71	22.77	22.70	23.5	1
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.64	21.47		
5	16QAM	12	7	21.41	21.42	21.43	22.5	2
5	16QAM	12	13	21.47	21.53	21.41		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59		
5	64QAM	1	12	21.55	21.66	21.55	22.5	2
5	64QAM	1	24	21.41	21.46	21.62		
5	64QAM	12	0	20.30	20.64	20.55		
5	64QAM	12	7	20.43	20.51	20.58	21.5	3
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.46	18.43		
5	256QAM	1	12	18.41	18.44	18.34	19.5	5
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.30	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57		
3	QPSK	1	8	23.49	23.50	23.54	24.5	0
3	QPSK	1	14	23.43	23.45	23.52		
3	QPSK	8	0	22.45	22.60	22.44		
3	QPSK	8	4	22.46	22.54	22.45	23.5	1
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.48	22.54	22.53		
3	16QAM	1	0	22.78	22.78	22.80		
3	16QAM	1	8	22.63	22.76	22.61	23.5	1
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.62	21.41		
3	16QAM	8	4	21.37	21.40	21.53	22.5	2
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.61	21.66		
3	64QAM	1	8	21.62	21.62	21.57	22.5	2
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48		
3	64QAM	8	4	20.40	20.49	20.49	21.5	3
3	64QAM	8	7	20.50	20.46	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46		
3	256QAM	1	8	18.43	18.35	18.40	19.5	5
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.36	18.49		
3	256QAM	15	0	18.48	18.38	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53		
1.4	QPSK	1	3	23.51	23.56	23.58		
1.4	QPSK	1	5	23.39	23.41	23.59	24.5	0
1.4	QPSK	3	0	23.52	23.45	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.38	23.49		
1.4	QPSK	6	0	22.46	22.56	22.47	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82		
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75	23.5	1
1.4	16QAM	3	0	22.83	22.66	22.73		
1.4	16QAM	3	1	22.62	22.65	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.39	21.47	22.5	2
1.4	64QAM	1	0	21.58	21.59	21.59		
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56	22.5	2
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.52	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42		
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43	19.5	5
1.4	256QAM	3	0	18.48	18.49	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.39	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.24	20.38	20.35		
20	QPSK	1	49	20.19	20.31	20.32	22	0
20	QPSK	1	99	20.21	20.32	20.29		
20	QPSK	50	0	20.22	20.33	20.26		
20	QPSK	50	24	20.14	20.27	20.25	22	0
20	QPSK	50	50	20.11	20.26	20.23		
20	QPSK	100	0	20.12	20.24	20.19		
20	16QAM	1	0	20.34	20.23	20.31		
20	16QAM	1	49	20.32	20.28	20.31	22	0
20	16QAM	1	99	20.26	20.22	20.26		
20	16QAM	50	0	20.21	20.34	20.29		
20	16QAM	50	24	20.11	20.23	20.27	22	0
20	16QAM

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.86	22.96	22.90	24.5	0
20	QPSK	1	49	22.78	22.86	22.81		
20	QPSK	1	99	22.84	22.84	22.86		
20	QPSK	50	0	21.87	22.15	22.13	23.5	1
20	QPSK	50	24	21.86	22.06	22.08		
20	QPSK	50	50	21.86	22.00	22.10		
20	QPSK	100	0	21.86	22.00	21.98		
20	16QAM	1	0	22.00	22.15	22.27	23.5	1
20	16QAM	1	49	22.06	22.20	22.31		
20	16QAM	1	99	22.04	22.21	22.22		
20	16QAM	50	0	20.66	21.04	21.07	22.5	2
20	16QAM	50	24	20.84	21.02	21.10		
20	16QAM	50	50	20.83	20.99	21.15		
20	16QAM	100	0	20.81	20.99	21.09		
20	64QAM	1	0	20.88	21.03	21.18	22.5	2
20	64QAM	1	49	20.95	21.10	21.21		
20	64QAM	1	99	20.90	21.09	21.12		
20	64QAM	50	0	19.67	20.00	20.09	21.5	3
20	64QAM	50	24	19.85	19.96	20.06		
20	64QAM	50	50	19.85	20.00	20.12		
20	64QAM	100	0	19.83	20.00	20.08		
20	256QAM	1	0	18.50	18.54	18.47	19.5	5
20	256QAM	1	49	18.45	18.55	18.47		
20	256QAM	1	99	18.32	18.38	18.34		
20	256QAM	50	0	18.03	18.35	18.46	19.5	5
20	256QAM	50	24	18.41	18.45	18.38		
20	256QAM	50	50	18.42	18.44	18.34		
20	256QAM	100	0	18.20	18.32	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.90	22.79	24.5	0
15	QPSK	1	37	22.74	22.82	22.81		
15	QPSK	1	74	22.73	22.75	22.75		
15	QPSK	36	0	21.75	22.10	22.02	23.5	1
15	QPSK	36	20	21.78	21.89	22.07		
15	QPSK	36	39	21.77	21.92	21.99		
15	QPSK	75	0	21.75	21.92	21.95		
15	16QAM	1	0	21.89	22.08	22.20	23.5	1
15	16QAM	1	37	22.03	22.08	22.21		
15	16QAM	1	74	22.02	22.12	22.16		
15	16QAM	36	0	20.57	20.92	20.99	22.5	2
15	16QAM	36	20	20.80	21.00	20.99		
15	16QAM	36	39	20.80	21.00	21.04		
15	16QAM	75	0	20.74	20.89	21.04		
15	64QAM	1	0	20.85	20.94	21.17	22.5	2
15	64QAM	1	37	20.91	21.05	21.16		
15	64QAM	1	74	20.88	21.04	21.03		
15	64QAM	36	0	19.62	19.91	20.06	21.5	3
15	64QAM	36	20	19.84	19.86	19.95		
15	64QAM	36	39	19.79	19.96	20.09		
15	64QAM	75	0	19.80	19.96	20.02		
15	256QAM	1	0	18.39	18.53	18.41	19.5	5
15	256QAM	1	37	18.43	18.50	18.39		
15	256QAM	1	74	18.26	18.26	18.22		
15	256QAM	36	0	18.49	18.51	18.38	19.5	5
15	256QAM	36	20	18.33	18.36	18.33		
15	256QAM	36	39	18.39	18.38	18.33		
15	256QAM	75	0	18.14	18.30	18.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.82	22.94	22.82	24.5	0
10	QPSK	1	25	22.70	22.80	22.73		
10	QPSK	1	49	22.77	22.76	22.76		
10	QPSK	25	0	21.80	22.13	22.03	23.5	1
10	QPSK	25	12	21.80	21.96	22.04		
10	QPSK	25	25	21.85	21.91	21.99		
10	QPSK	50	0	21.76	21.88	21.88		
10	16QAM	1	0	21.96	22.19	22.30	23.5	1
10	16QAM	1	25	21.97	22.09	22.30		
10	16QAM	1	49	21.98	22.14	22.17		
10	16QAM	25	0	20.83	20.98	21.04	22.5	2
10	16QAM	25	12	20.83	20.95	21.03		
10	16QAM	25	25	20.73	20.93	21.04		
10	16QAM	50	0	20.76	20.95	21.06		
10	64QAM	1	0	20.84	20.98	21.16	22.5	2
10	64QAM	1	25	20.93	21.07	21.11		
10	64QAM	1	49	20.87	20.97	21.01		
10	64QAM	25	0	19.56	19.89	19.99	21.5	3
10	64QAM	25	12	19.73	19.95	19.99		
10	64QAM	25	25	19.75	19.91	20.05		
10	64QAM	50	0	19.82	19.88	20.02		
10	256QAM	1	0	18.46	18.52	18.35	19.5	5
10	256QAM	1	25	18.37	18.45	18.43		
10	256QAM	1	49	18.25	18.31	18.25		
10	256QAM	25	0	18.49	18.52	18.44	19.5	5
10	256QAM	25	12	18.38	18.34	18.26		
10	256QAM	25	25	18.38	18.36	18.29		
10	256QAM	50	0	18.09	18.22	18.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.75	22.95	22.82	24.5	0
5	QPSK	1	12	22.67	22.75	22.70		
5	QPSK	1	24	22.73	22.75	22.75		
5	QPSK	12	0	21.76	22.06	22.07	23.5	1
5	QPSK	12	7	21.77	22.00	22.04		
5	QPSK	12	13	21.74	21.94	22.01		
5	QPSK	25	0	21.75	21.92	21.97		
5	16QAM	1	0	21.87	22.07	22.23	23.5	1
5	16QAM	1	12	22.04	22.11	22.28		
5	16QAM	1	24	21.93	22.15	22.19		
5	16QAM	12	0	20.59	21.01	21.03	22.5	2
5	16QAM	12	7	20.74	20.93	21.08		
5	16QAM	12	13	20.75	20.94	21.08		
5	16QAM	25	0	20.80	20.97	21.01		
5	64QAM	1	0	20.83	20.95	21.13	22.5	2
5	64QAM	1	12	21.00	21.08	21.20		
5	64QAM	1	24	20.84	21.06	21.04		
5	64QAM	12	0	19.65	19.99	19.97	21.5	3
5	64QAM	12	7	19.83	19.93	20.02		
5	64QAM	12	13	19.77	19.88	20.01		
5	64QAM	25	0	19.72	19.92	19.96		
5	256QAM	1	0	18.46	18.44	18.43	19.5	5
5	256QAM	1	12	18.42	18.44	18.43		
5	256QAM	1	24	18.22	18.30	18.30		
5	256QAM	12	0	18.51	18.53	18.35	19.5	5
5	256QAM	12	7	18.29	18.33	18.30		
5	256QAM	12	13	18.39	18.36	18.23		
5	256QAM	25	0	18.28	18.28	18.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.86	22.86	24.5	0
3	QPSK	1	8	22.77	22.78	22.74		
3	QPSK	1	14	22.83	22.77	22.80		
3	QPSK	8	0	21.77	22.12	22.07	23.5	1
3	QPSK	8	4	21.74	21.95	21.98		
3	QPSK	8	7	21.75	21.95	22.04		
3	QPSK	15	0	21.74	21.90	21.87		
3	16QAM	1	0	21.88	22.09	22.22	23.5	1
3	16QAM	1	8	22.00	22.16	22.19		
3	16QAM	1	14	21.93	22.14	22.13		
3	16QAM	8	0	20.60	21.01	21.04	22.5	2
3	16QAM	8	4	20.78	20.90	21.01		
3	16QAM	8	7	20.74	20.97	21.13		
3	16QAM	15	0	20.70	20.95	21.00		
3	64QAM	1	0	20.77	20.94	21.17	22.5	2
3	64QAM	1	8	20.86	21.08	21.12		
3	64QAM	1	14	20.85	20.98	21.02		
3	64QAM	8	0	19.56	19.89	20.06	21.5	3
3	64QAM	8	4	19.79	19.95	20.02		
3	64QAM	8	7	19.83	19.91	20.03		
3	64QAM	15	0	19.79	19.93	20.00		
3	256QAM	1	0	18.49	18.44	18.46	19.5	5
3	256QAM	1	8	18.44	18.53	18.36		
3	256QAM	1	14	18.26	18.33	18.32		
3	256QAM	8	0	18.44	18.53	18.38	19.5	5
3	256QAM	8	4	18.34	18.39	18.35		
3	256QAM	8	7	18.34	18.39	18.23		
3	256QAM	15	0	18.17	18.22	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.75	22.89	22.82	24.5	0
1.4	QPSK	1	3	22.71	22.81	22.75		
1.4	QPSK	1	5	22.80	22.74	22.76		
1.4	QPSK	3	0	22.70	22.80	22.75		
1.4	QPSK	3	1	22.69	22.75	22.74		
1.4	QPSK	3	3	22.75	22.62	22.67		
1.4	QPSK	6	0	21.77	21.94	21.95	23.5	1
1.4	16QAM	1	0	21.96	22.06	22.22	23.5	1
1.4	16QAM	1	3	22.01	22.16	22.26		
1.4	16QAM	1	5	21.99	22.11	22.13		
1.4	16QAM	3	0	21.87	22.05	22.13		
1.4	16QAM	3	1	21.96	22.05	22.18		
1.4	16QAM	3	3	21.93	22.00	22.07		
1.4	16QAM	6	0	20.70	20.92	21.05	22.5	2
1.4	64QAM	1	0	20.76	20.91	21.10	22.5	2
1.4	64QAM	1	3	20.85	21.09	21.18		
1.4	64QAM	1	5	20.83	21.02	21.02		
1.4	64QAM	3	0	20.76	20.85	21.08		
1.4	64QAM	3	1	20.73	20.97	21.10		
1.4	64QAM	3	3	20.73	20.99	20.90		
1.4	64QAM	6	0	19.81	19.89	20.05	21.5	3
1.4	256QAM	1	0	18.43	18.47	18.44	19.5	5
1.4	256QAM	1	3	18.43	18.47	18.37		
1.4	256QAM	1	5	18.23	18.37	18.24		
1.4	256QAM	3	0	18.52	18.53	18.43		
1.4	256QAM	3	1	18.37	18.33	18.31		
1.4	256QAM	3	3	18.37	18.32	18.23		
1.4	256QAM	6	0	18.19	18.28	18.09	19.5	5

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.62	24.69	24.65	25.5	0
20	QPSK	1	49	24.61	24.67	24.61		
20	QPSK	1	99	24.56	24.64	24.63		
20	QPSK	50	0	23.61	23.73	23.70	24.5	1
20	QPSK	50	24	23.46	23.69	23.68		
20	QPSK	50	50	23.59	23.64	23.68		
20	QPSK	100	0	23.60	23.70	23.65		
20	16QAM	1	0	23.80	23.86	23.95	24.5	1
20	16QAM	1	49	23.79	23.87	23.91		
20	16QAM	1	99	23.75	23.85	23.86		
20	16QAM	50	0	22.41	22.69	22.74	23.5	2
20	16QAM	50	24	22.57	22.67	22.72		
20	16QAM	50	50	22.57	22.61	22.79		
20	16QAM	100	0	22.56	22.65	22.70		
20	64QAM	1	0	22.64	22.76	22.79	23.5	2
20	64QAM	1	49	22.63	22.77	22.80		
20	64QAM	1	99	22.62	22.72	22.73		
20	64QAM	50	0	21.43	21.68	21.70	22.5	3
20	64QAM	50	24	21.59	21.62	21.71		
20	64QAM	50	50	21.59	21.62	21.76		
20	64QAM	100	0	21.56	21.61	21.69		
20	256QAM	1	0	19.57	19.66	19.63	20.5	5
20	256QAM	1	49	19.56	19.65	19.61		
20	256QAM	1	99	19.40	19.45	19.39		
20	256QAM	50	0	19.61	19.63	19.62	20.5	5
20	256QAM	50	24	19.60	19.66	19.61		
20	256QAM	50	50	19.33	19.44	19.33		
20	256QAM	100	0	19.51	19.59	19.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.55	24.67	24.61	25.5	0
15	QPSK	1	37	24.52	24.61	24.55		
15	QPSK	1	74	24.53	24.57	24.56		
15	QPSK	36	0	23.58	23.82	23.80	24.5	1
15	QPSK	36	20	23.38	23.57	23.67		
15	QPSK	36	39	23.53	23.80	23.58		
15	QPSK	75	0	23.50	23.80	23.63		
15	16QAM	1	0	23.73	23.85	23.93	24.5	1
15	16QAM	1	37	23.71	23.77	23.88		
15	16QAM	1	74	23.69	23.82	23.81		
15	16QAM	36	0	22.36	22.68	22.68	23.5	2
15	16QAM	36	20	22.52	22.61	22.64		
15	16QAM	36	39	22.48	22.58	22.74		
15	16QAM	75	0	22.53	22.56	22.69		
15	64QAM	1	0	22.63	22.70	22.70	23.5	2
15	64QAM	1	37	22.61	22.67	22.70		
15	64QAM	1	74	22.54	22.71	22.68		
15	64QAM	36	0	21.38	21.56	21.69	22.5	3
15	64QAM	36	20	21.58	21.54	21.61		
15	64QAM	36	39	21.56	21.53	21.73		
15	64QAM	75	0	21.51	21.64	21.64		
15	256QAM	1	0	19.45	19.65	19.62	20.5	5
15	256QAM	1	37	19.53	19.62	19.50		
15	256QAM	1	74	19.32	19.33	19.29		
15	256QAM	36	0	19.53	19.58	19.54	20.5	5
15	256QAM	36	20	19.56	19.65	19.55		
15	256QAM	36	39	19.29	19.41	19.27		
15	256QAM	75	0	19.49	19.53	19.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.58	24.66	24.53	25.5	0
10	QPSK	1	25	24.54	24.59	24.55		
10	QPSK	1	49	24.55	24.60	24.59		
10	QPSK	25	0	23.60	23.84	23.68	24.5	1
10	QPSK	25	12	23.38	23.60	23.58		
10	QPSK	25	25	23.58	23.63	23.57		
10	QPSK	50	0	23.52	23.63	23.62		
10	16QAM	1	0	23.69	23.77	23.86	24.5	1
10	16QAM	1	25	23.69	23.75	23.89		
10	16QAM	1	49	23.70	23.83	23.84		
10	16QAM	25	0	22.34	22.60	22.68	23.5	2
10	16QAM	25	12	22.52	22.62	22.65		
10	16QAM	25	25	22.49	22.60	22.64		
10	16QAM	50	0	22.48	22.54	22.67		
10	64QAM	1	0	22.54	22.75	22.75	23.5	2
10	64QAM	1	25	22.53	22.67	22.73		
10	64QAM	1	49	22.60	22.71	22.72		
10	64QAM	25	0	21.40	21.58	21.64	22.5	3
10	64QAM	25	12	21.50	21.59	21.67		
10	64QAM	25	25	21.52	21.57	21.72		
10	64QAM	50	0	21.44	21.54	21.61		
10	256QAM	1	0	19.46	19.57	19.57	20.5	5
10	256QAM	1	25	19.49	19.55	19.60		
10	256QAM	1	49	19.39	19.44	19.30		
10	256QAM	25	0	19.54	19.54	19.61	20.5	5
10	256QAM	25	12	19.50	19.65	19.58		
10	256QAM	25	25	19.21	19.36	19.24		
10	256QAM	50	0	19.43	19.51	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.53	24.63	24.55	25.5	0
5	QPSK	1	12	24.60	24.64	24.51		
5	QPSK	1	24	24.55	24.62	24.59		
5	QPSK	12	0	23.54	23.76	23.67	24.5	1
5	QPSK	12	7	23.39	23.67	23.59		
5	QPSK	12	13	23.54	23.54	23.67		
5	QPSK	25	0	23.58	23.60	23.62		
5	16QAM	1	0	23.71	23.79	23.93	24.5	1
5	16QAM	1	12	23.77	23.77	23.85		
5	16QAM	1	24	23.66	23.78	23.74		
5	16QAM	12	0	22.38	22.67	22.73	23.5	2
5	16QAM	12	7	22.54	22.62	22.66		
5	16QAM	12	13	22.55	22.56	22.74		
5	16QAM	25	0	22.47	22.54	22.67		
5	64QAM	1	0	22.54	22.64	22.74	23.5	2
5	64QAM	1	12	22.52	22.62	22.74		
5	64QAM	1	24	22.60	22.65	22.66		
5	64QAM	12	0	21.38	21.56	21.59	22.5	3
5	64QAM	12	7	21.55	21.51	21.66		
5	64QAM	12	13	21.56	21.53	21.66		
5	64QAM	25	0	21.49	21.53	21.57		
5	256QAM	1	0	19.55	19.54	19.60	20.5	5
5	256QAM	1	12	19.51	19.64	19.58		
5	256QAM	1	24	19.37	19.40	19.27		
5	256QAM	12	0	19.57	19.55	19.52	20.5	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.29	19.32	19.28		
5	256QAM	25	0	19.44	19.56	19.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.51	24.59	24.63	25.5	0
3	QPSK	1	8	24.58	24.62	24.56		
3	QPSK	1	14	24.44	24.63	24.60		
3	QPSK	8	0	23.56	23.61	23.64	24.5	1
3	QPSK	8	4	23.38	23.63	23.64		
3	QPSK	8	7	23.53	23.62	23.58		
3	QPSK	15	0	23.53	23.65	23.54		
3	16QAM	1	0	23.72	23.79	23.84	24.5	1
3	16QAM	1	8	23.72	23.80	23.85		
3	16QAM	1	14	23.74	23.78	23.74		
3	16QAM	8	0	22.37	22.60	22.62	23.5	2
3	16QAM	8	4	22.49	22.60	22.71		
3	16QAM	8	7	22.50	22.54	22.69		
3	16QAM	15	0	22.49	22.61	22.61		
3	64QAM	1	0	22.61	22.73	22.73	23.5	2
3	64QAM	1	8	22.58	22.69	22.75		
3	64QAM	1	14	22.50	22.66	22.63		
3	64QAM	8	0	21.36	21.56	21.62	22.5	3
3	64QAM	8	4	21.50	21.51	21.62		
3	64QAM	8	7	21.56	21.56	21.67		
3	64QAM	15	0	21.52	21.64	21.58		
3	256QAM	1	0	19.54	19.63	19.52	20.5	5
3	256QAM	1	8	19.50	19.63	19.49		
3	256QAM	1	14	19.39	19.34	19.27		
3	256QAM	8	0	19.49	19.62	19.52	20.5	5
3	256QAM	8	4	19.52	19.60	19.56		
3	256QAM	8	7	19.22	19.39	19.23		
3	256QAM	15	0	19.45	19.52	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.59	24.65	24.58	25.5	0
1.4	QPSK	1	3	24.57	24.61	24.58		
1.4	QPSK	1	5	24.55	24.56	24.52		
1.4	QPSK	3	0	24.50	24.62	24.52		
1.4	QPSK	3	1	24.56	24.55	24.48		
1.4	QPSK	3	3	24.49	24.49	24.43		
1.4	QPSK	6	0	23.56	23.59	23.62	24.5	1
1.4	16QAM	1	0	23.79	23.79	23.88	24.5	1
1.4	16QAM	1	3	23.75	23.84	23.84		
1.4	16QAM	1	5	23.63	23.84	23.85		
1.4	16QAM	3	0	23.75	23.78	23.86		
1.4	16QAM	3	1	23.71	23.72	23.82		
1.4	16QAM	3	3	23.52	23.82	23.78		
1.4	16QAM	6	0	22.45	22.53	22.58	23.5	2
1.4	64QAM	1	0	22.56	22.75	22.69	23.5	2
1.4	64QAM	1	3	22.55	22.74	22.79		
1.4	64QAM	1	5	22.56	22.67	22.66		
1.4	64QAM	3	0	22.48	22.69	22.68		
1.4	64QAM	3	1	22.48	22.65	22.75		
1.4	64QAM	3	3	22.46	22.60	22.65		
1.4	64QAM	6	0	21.52	21.55	21.59	22.5	3
1.4	256QAM	1	0	19.49	19.63	19.55	20.5	5
1.4	256QAM	1	3	19.51	19.56	19.51		
1.4	256QAM	1	5	19.32	19.43	19.38		
1.4	256QAM	3	0	19.55	19.55	19.54		
1.4	256QAM	3	1	19.51	19.55	19.59		
1.4	256QAM	3	3	19.23	19.34	19.26		
1.4	256QAM	6	0	19.47	19.48	19.41	20.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65	25.5	0
10	QPSK	1	25	24.55	24.56	24.64		
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64	24.5	1
10	QPSK	25	12	23.53	23.52	23.62		
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82	24.5	1
10	16QAM	1	25	23.73	23.82	23.91		
10	16QAM	1

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.45	21.50	21.44	22.5	0
20	QPSK	1	49	21.41	21.48	21.37		
20	QPSK	1	99	21.40	21.44	21.42		
20	QPSK	50	0	21.43	21.48	21.41		
20	QPSK	50	24	21.38	21.40	21.38	22.5	0
20	QPSK	50	50	21.41	21.36	21.36		
20	QPSK	100	0	21.37	21.38	21.36		
20	16QAM	1	0	21.38	21.42	21.33		
20	16QAM	1	49	21.40	21.47	21.40	22.5	0
20	16QAM	1	99	21.42	21.44	21.38		
20	16QAM	50	0	21.04	21.12	20.99		
20	16QAM	50	24	21.08	21.05	20.99	22	0.5
20	16QAM	50	50	21.12	21.07	20.99		
20	16QAM	100	0	21.07	21.03	20.95		
20	64QAM	1	0	21.27	21.17	21.04		
20	64QAM	1	49	21.29	21.20	21.11	22	0.5
20	64QAM	1	99	21.22	21.16	21.11		
20	64QAM	50	0	20.06	20.11	19.97		
20	64QAM	50	24	20.08	20.06	19.96	21	1.5
20	64QAM	50	50	20.17	20.04	19.93		
20	64QAM	100	0	20.05	20.04	19.91		
20	256QAM	1	0	18.01	18.11	18.07		
20	256QAM	1	49	17.93	18.03	17.88	19	3.5
20	256QAM	1	99	17.95	18.07	18.01		
20	256QAM	50	0	17.81	18.11	17.98		
20	256QAM	50	24	17.83	18.06	17.92	19	3.5
20	256QAM	50	50	17.96	18.02	18.07		
20	256QAM	100	0	17.95	18.06	17.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.37	21.45	21.28	22.5	0
15	QPSK	1	37	21.30	21.47	21.29		
15	QPSK	1	74	21.31	21.40	21.27		
15	QPSK	36	0	21.38	21.34	21.40		
15	QPSK	36	20	21.26	21.40	21.28	22.5	0
15	QPSK	36	39	21.38	21.28	21.33		
15	QPSK	75	0	21.18	21.21	21.25		
15	16QAM	1	0	21.21	21.31	21.22		
15	16QAM	1	37	21.20	21.38	21.26	22.5	0
15	16QAM	1	74	21.23	21.29	21.33		
15	16QAM	36	0	21.02	21.03	20.80		
15	16QAM	36	20	20.94	20.93	20.92	22	0.5
15	16QAM	36	39	20.98	21.07	20.95		
15	16QAM	75	0	20.98	20.87	20.79		
15	64QAM	1	0	21.13	21.07	20.99		
15	64QAM	1	37	21.19	21.08	21.00	22	0.5
15	64QAM	1	74	21.03	20.99	20.92		
15	64QAM	36	0	20.02	19.96	19.83		
15	64QAM	36	20	20.06	20.01	19.76	21	1.5
15	64QAM	36	39	20.11	19.94	19.87		
15	64QAM	75	0	19.91	19.93	19.89		
15	256QAM	1	0	17.88	18.09	17.99		
15	256QAM	1	37	17.77	17.94	17.73	19	3.5
15	256QAM	1	74	17.90	17.99	17.82		
15	256QAM	36	0	17.62	18.05	17.84		
15	256QAM	36	20	17.74	17.95	17.87	19	3.5
15	256QAM	36	39	17.87	17.89	17.97		
15	256QAM	75	0	17.93	17.97	17.85		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.41	21.41	22.5	0
10	QPSK	1	25	21.25	21.44	21.19		
10	QPSK	1	49	21.26	21.37	21.36		
10	QPSK	25	0	21.36	21.44	21.21		
10	QPSK	25	12	21.27	21.25	21.24	22.5	0
10	QPSK	25	25	21.40	21.25	21.30		
10	QPSK	50	0	21.32	21.24	21.21		
10	16QAM	1	0	21.20	21.40	21.36		
10	16QAM	1	25	21.28	21.38	21.35	22.5	0
10	16QAM	1	49	21.42	21.26	21.29		
10	16QAM	25	0	20.97	21.02	20.99		
10	16QAM	25	12	20.93	20.90	20.89	22	0.5
10	16QAM	25	25	20.92	21.03	20.82		
10	16QAM	50	0	20.95	20.89	20.89		
10	64QAM	1	0	21.08	21.16	20.92		
10	64QAM	1	25	21.13	21.17	20.99	22	0.5
10	64QAM	1	49	21.05	21.00	21.04		
10	64QAM	25	0	20.00	20.10	19.89		
10	64QAM	25	12	19.94	19.90	19.94	21	1.5
10	64QAM	25	25	19.98	19.93	19.88		
10	64QAM	50	0	20.02	19.96	19.76		
10	256QAM	1	0	17.83	18.03	17.91		
10	256QAM	1	25	17.87	17.97	17.85	19	3.5
10	256QAM	1	49	17.84	17.97	17.94		
10	256QAM	25	0	17.62	18.03	17.78		
10	256QAM	25	12	17.63	17.96	17.87	19	3.5
10	256QAM	25	25	17.92	17.94	18.00		
10	256QAM	50	0	17.84	17.98	17.82		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.38	21.34	21.25	22.5	0
5	QPSK	1	12	21.36	21.33	21.30		
5	QPSK	1	24	21.20	21.29	21.22		
5	QPSK	12	0	21.42	21.28	21.39		
5	QPSK	12	7	21.27	21.30	21.21	22.5	0
5	QPSK	12	13	21.24	21.18	21.30		
5	QPSK	25	0	21.29	21.38	21.18		
5	16QAM	1	0	21.34	21.23	21.30		
5	16QAM	1	12	21.33	21.39	21.38	22.5	0
5	16QAM	1	24	21.36	21.24	21.35		
5	16QAM	12	0	20.86	21.07	20.96		
5	16QAM	12	7	21.01	20.96	20.86	22	0.5
5	16QAM	12	13	21.02	21.00	20.86		
5	16QAM	25	0	21.02	20.90	20.86		
5	64QAM	1	0	21.25	21.09	20.98		
5	64QAM	1	12	21.17	21.10	21.08	22	0.5
5	64QAM	1	24	21.10	21.13	21.11		
5	64QAM	12	0	19.96	19.99	19.85		
5	64QAM	12	7	20.03	19.93	19.95	21	1.5
5	64QAM	12	13	20.03	20.03	19.86		
5	64QAM	25	0	19.94	19.95	19.83		
5	256QAM	1	0	17.87	17.94	17.91		
5	256QAM	1	12	17.91	17.99	17.75	19	3.5
5	256QAM	1	24	17.80	17.95	17.83		
5	256QAM	12	0	17.78	17.96	17.90		
5	256QAM	12	7	17.81	18.00	17.83	19	3.5
5	256QAM	12	13	17.79	17.98	17.89		
5	256QAM	25	0	17.89	17.94	17.85		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.41	19.50	19.45	20.5	0
20	QPSK	1	49	19.35	19.44	19.31		
20	QPSK	1	99	19.39	19.48	19.41		
20	QPSK	50	0	19.43	19.48	19.47		
20	QPSK	50	24	19.38	19.36	19.38	20.5	0
20	QPSK	50	50	19.41	19.46	19.44		
20	QPSK	100	0	19.39	19.46	19.45		
20	16QAM	1	0	19.30	19.37	19.41		
20	16QAM	1	49	19.43	19.44	19.41	20.5	0
20	16QAM	1	99	19.49	19.45	19.43		
20	16QAM	50	0	19.06	19.29	19.26		
20	16QAM	50	24	19.12	19.26	19.22	20.5	0
20	16QAM	50	50	19.27	19.27	19.25		
20	16QAM	100	0	19.10	19.23	19.19		
20	64QAM	1	0	18.81	18.93	18.94		
20	64QAM	1	49	18.94	19.02	19.01	20.5	0
20	64QAM	1	99	18.96	19.00	19.00		
20	64QAM	50	0	19.04	19.31	19.23		
20	64QAM	50	24	19.15	19.29	19.21	20.5	0
20	64QAM	50	50	19.20	19.33	19.24		
20	64QAM	100	0	19.09	19.24	19.20		
20	256QAM	1	0	19.02	19.11	19.10		
20	256QAM	1	49	19.04	19.09	19.00	20.5	0
20	256QAM	1	99	19.00	19.24	19.01		
20	256QAM	50	0	19.00	19.09	19.15		
20	256QAM	50	24	19.03	19.11	19.07	20.5	0
20	256QAM	50	50	18.94	19.15	19.08		
20	256QAM	100	0	18.90	19.11	19.03		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.40	19.47	19.43	20.5	0
15	QPSK	1	37	19.32	19.28	19.18		
15	QPSK	1	74	19.22	19.37	19.32		
15	QPSK	36	0	19.37	19.36	19.42		
15	QPSK	36	20	19.31	19.16	19.38	20.5	0
15	QPSK	36	39	19.28	19.44	19.24		
15	QPSK	75	0	19.26	19.29	19.27		
15	16QAM	1	0	19.13	19.31	19.36		
15	16QAM	1	37	19.27	19.40	19.24	20.5	0
15	16QAM	1	74	19.46	19.37	19.40		
15	16QAM	36	0	19.06	19.27	19.09		
15	16QAM	36	20	19.01	19.11	19.21	20.5	0
15	16QAM	36	39	19.22	19.27	19.12		
15	16QAM	75	0	19.04	19.11	19.15		
15	64QAM	1	0	18.65	18.84	18.84		
15	64QAM	1	37	18.86	18.83	18.92	20.5	0
15	64QAM	1	74	18.85	19.00	18.81		
15	64QAM	36	0	18.93	19.13	19.18		
15	64QAM	36	20	19.08	19.22	19.03	20.5	0
15	64QAM	36	39	19.05	19.24	19.15		
15	64QAM	75	0	18.90	19.15	19.06		
15	256QAM	1	0	16.97	19.08	18.94		
15	256QAM	1	37	18.86	18.94	18.82	20.5	0
15	256QAM	1	74	19.00	19.16	18.82		
15	256QAM	36	0	19.00	19.00	19.06		
15	256QAM	36	20	19.01	19.04	18.92	20.5	0
15	256QAM	36	39	18.94	19.03	19.01		
15	256QAM	75	0	18.88	18.94	18.85		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.34	19.40	19.30	20.5	0
10	QPSK	1	25	19.25	19.36	19.14		
10	QPSK	1	49	19.21	19.39	19.33		
10	QPSK	25	0	19.38	19.38	19.29		
10	QPSK	25	12	19.19	19.33	19.19	20.5	0
10	QPSK	25	25	19.40	19.35	19.33		
10	QPSK	50	0	19.23	19.34	19.31		
10	16QAM	1	0	19.13	19.21	19.32		
10	16QAM	1	25	19.31	19.24	19.27	20.5	0
10	16QAM	1	49	19.41	19.39	19.34		
10	16QAM	25	0	18.98	19.18	19.16		
10	16QAM	25	12	19.01	19.16	19.14	20.5	0
10	16QAM	25	25	19.13	19.26	19.20		
10	16QAM	50	0	18.97	19.13	19.09		
10	64QAM	1	0	18.77	18.78	18.86		
10	64QAM	1	25	18.93	18.87	18.92	20.5	0
10	64QAM	1	49	18.83	18.84	18.96		
10	64QAM	25	0	19.02	19.21	19.05		
10	64QAM	25	12	19.07	19.28	19.08	20.5	0
10	64QAM	25	25	19.20	19.30	19.08		
10	64QAM	50	0	19.03	19.13	19.06		
10	256QAM	1	0	16.89	19.07	19.08		
10	256QAM	1	25	18.90	19.02	18.84	20.5	0
10	256QAM	1	49	18.83	19.19	18.84		
10	256QAM	25	0	18.81	18.91	18.96		
10	256QAM	25	12	18.92	19.09	19.02	20.5	0
10	256QAM	25	25	18.77	18.96	19.08		
10	256QAM	50	0	18.87	18.95	18.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.40	19.47	19.42	20.5	0
5	QPSK	1	12	19.24	19.41	19.27		
5	QPSK	1	24	19.29	19.34	19.29		
5	QPSK	12	0	19.43	19.37	19.39		
5	QPSK	12	7	19.19	19.29	19.30	20.5	0
5	QPSK	12	13	19.22	19.27	19.25		
5	QPSK	25	0	19.32	19.35	19.34		
5	16QAM	1	0	19.14	19.24	19.34		
5	16QAM	1	12	19.33	19.28	19.41	20.5	0
5	16QAM	1	24	19.48	19.45	19.41		
5	16QAM	12	0	18.93	19.14	19.19		
5	16QAM	12	7	18.98	19.25	19.18	20.5	0
5	16QAM	12	13	19.27	19.20	19.07		
5	16QAM	25	0	18.97	19.16	19.10		
5	64QAM	1	0	18.79	18.90	18.87		
5	64QAM	1	12	18.83	18.97	18.92	20.5	0
5	64QAM	1	24	18.93	18.81	18.80		
5	64QAM	12	0	18.93	19.19	19.21		
5	64QAM	12	7	19.09	19.19	19.08	20.5	0
5	64QAM	12	13	19.16	19.13	19.11		
5	64QAM	25	0	19.09	19.24	19.03		
5	256QAM	1	0	18.87	19.11	18.96		
5	256QAM	1	12	18.87	19.09	18.93	20.5	0
5	256QAM	1	24	18.98	19.08	19.01		
5	256QAM	12	0	18.88	19.02	19.10		
5	256QAM	12	7	18.93	18.91	18.99	20.5	0
5	256QAM	12	13	18.90	18.97	19.06		
5	256QAM	25	0	18.70	18.94	18.96		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.44	20.50	20.40	21.5	0
20	QPSK	1	49	20.42	20.42	20.38		
20	QPSK	1	99	20.30	20.35	20.26		
20	QPSK	50	0	20.44	20.48	20.27		
20	QPSK	50	24	20.38	20.47	20.09	21.5	0
20	QPSK	50	50	20.26	20.35	20.19		
20	QPSK	100	0	20.26	20.39	20.24		
20	16QAM	1	0	20.28	20.49	20.15		
20	16QAM	1	49	20.28	20.46	20.25	21.5	0
20	16QAM	1	99	20.33	20.42	20.26		
20	16QAM	50	0	20.36	20.49	20.17		
20	16QAM	50	24	20.33	20.46	20.11	21.5	0
20	16QAM	50	50	20.25	20.38	20.12		
20	16QAM	100	0	20.28	20.40	20.23		
20	64QAM	1	0	20.25	20.33	20.20		
20	64QAM	1	49	20.42	20.30	20.20	21.5	0
20	64QAM	1	99	20.29	20.43	20.27		
20	64QAM	50	0	19.93	19.81	19.65		
20	64QAM	50	24	19.90	19.90	19.57	21	0.5
20	64QAM	50	50	19.81	19.89	19.70		
20	64QAM	100	0	19.93	19.85	19.74		
20	256QAM	1	0	17.93	17.84	17.77		
20	256QAM	1	49	17.81	17.90	17.83	19	2.5
20	256QAM	1	99	17.74	17.89	17.68		
20	256QAM	50	0	17.86	18.00	17.72		
20	256QAM	50	24	17.75	17.94	17.67	19	2.5
20	256QAM	50	50	17.83	17.96	17.58		
20	256QAM	100	0	17.82	17.82	17.61		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.41	20.49	20.40	21.5	0
15	QPSK	1	37	20.37	20.35	20.29		
15	QPSK	1	74	20.24	20.19	20.24		
15	QPSK	36	0	20.37	20.33	20.20		
15	QPSK	36	20	20.21	20.46	19.95	21.5	0
15	QPSK	36	39	20.06	20.16	20.09		
15	QPSK	75	0	20.23	20.21	20.19		
15	16QAM	1	0	20.09	20.33	19.97		
15	16QAM	1	37	20.18	20.28	20.14	21.5	0
15	16QAM	1	74	20.17	20.22	20.15		
15	16QAM	36	0	20.36	20.48	20.14		
15	16QAM	36	20	20.17	20.26	20.02	21.5	0
15	16QAM	36	39	20.05	20.23	20.11		
15	16QAM	75	0	20.21	20.40	20.22		
15	64QAM	1	0	20.05	20.23	20.14		
15	64QAM	1	37	20.24	20.16	20.07	21.5	0
15	64QAM	1	74	20.25	20.29	20.22		
15	64QAM	36	0	19.80	19.74	19.64		
15	64QAM	36	20	19.87	19.85	19.40	21	0.5
15	64QAM	36	39	19.80	19.85	19.69		
15	64QAM	75	0	19.90	19.76	19.54		
15	256QAM	1	0	17.80	17.69	17.59		
15	256QAM	1	37	17.69	17.73	17.61	19	2.5
15	256QAM	1	74	17.70	17.84	17.51		
15	256QAM	36	0	17.78	17.90	17.55		
15	256QAM	36	20	17.56	17.75	17.59	19	2.5
15	256QAM	36	39	17.82	17.88	17.52		
15	256QAM	75	0	17.62	17.75	17.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.28	20.41	20.36	21.5	0
10	QPSK	1	25	20.39	20.23	20.25		
10	QPSK	1	49	20.21	20.23	20.10		
10	QPSK	25	0	20.32	20.32	20.17		
10	QPSK	25	12	20.32	20.39	20.02	21.5	0
10	QPSK	25	25	20.10	20.27	20.03		
10	QPSK	50	0	20.17	20.26	20.04		
10	16QAM	1	0	20.16	20.35	20.14		
10	16QAM	1	25	20.27	20.26	20.24	21.5	0
10	16QAM	1	49	20.19	20.29	20.19		
10	16QAM	25	0	20.23	20.48	20.06		
10	16QAM	25	12	20.13	20.43	20.11	21.5	0
10	16QAM	25	25	20.23	20.30	19.95		
10	16QAM	50	0	20.14	20.36	20.09		
10	64QAM	1	0	20.12	20.15	20.16		
10	64QAM	1	25	20.22	20.26	20.15	21.5	0
10	64QAM	1	49	20.17	20.34	20.08		
10	64QAM	25	0	19.93	19.77	19.55		
10	64QAM	25	12	19.79	19.90	19.55	21	0.5
10	64QAM	25	25	19.72	19.71	19.51		
10	64QAM	50	0	19.88	19.83	19.73		
10	256QAM	1	0	17.87	17.66	17.59		
10	256QAM	1	25	17.70	17.87	17.60	19	2.5
10	256QAM	1	49	17.69	17.85	17.54		
10	256QAM	25	0	17.67	17.94	17.58		
10	256QAM	25	12	17.64	17.92	17.62	19	2.5
10	256QAM	25	25	17.74	17.77	17.55		
10	256QAM	50	0	17.75	17.85	17.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.39	20.44	20.27	21.5	0
5	QPSK	1	12	20.36	20.24	20.22		
5	QPSK	1	24	20.20	20.27	20.12		
5	QPSK	12	0	20.30	20.38	20.12		
5	QPSK	12	7	20.24	20.30	19.99	21.5	0
5	QPSK	12	13	20.12	20.15	20.13		
5	QPSK	25	0	20.25	20.25	20.12		
5	16QAM	1	0	20.17	20.46	20.12		
5	16QAM	1	12	20.25	20.29	20.05	21.5	0
5	16QAM	1	24	20.19	20.29	20.19		
5	16QAM	12	0	20.25	20.36	20.11		
5	16QAM	12	7	20.31	20.30	19.94	21.5	0
5	16QAM	12	13	20.19	20.20	19.92		
5	16QAM	25	0	20.28	20.31	20.14		
5	64QAM	1	0	20.08	20.25	20.12		
5	64QAM	1	12	20.40	20.21	20.11	21.5	0
5	64QAM	1	24	20.20	20.26	20.23		
5	64QAM	12	0	19.78	19.65	19.46		
5	64QAM	12	7	19.77	19.83	19.52	21	0.5
5	64QAM	12	13	19.76	19.80	19.62		
5	64QAM	25	0	19.85	19.70	19.54		
5	256QAM	1	0	17.85	17.70	17.71		
5	256QAM	1	12	17.61	17.74	17.49	19	2.5
5	256QAM	1	24	17.74	17.89	17.49		
5	256QAM	12	0	17.75	17.84	17.66		
5	256QAM	12	7	17.73	17.90	17.62	19	2.5
5	256QAM	12	13	17.67	17.90	17.53		
5	256QAM	25	0	17.79	17.79	17.45		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.99	21.05	21.00	22	0
20	QPSK	1	49	20.97	21.00	20.98		
20	QPSK	1	99	20.96	20.99	20.96		
20	QPSK	50	0	20.80	20.87	20.83		
20	QPSK	50	24	20.79	20.81	20.78	22	0
20	QPSK	50	50	20.76	20.85	20.81		
20	QPSK	100	0	20.74	20.85	20.83		
20	16QAM	1	0	21.00	21.01	20.92		
20	16QAM	1	49	20.96	20.98	20.94	22	0
20	16QAM	1	99	21.04	21.00	20.96		
20	16QAM	50	0

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.78		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.66	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.58		25.5	0
10	QPSK	1	25		24.57			
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.62		24.5	1
10	QPSK	25	12		23.53			
10	QPSK	25	25		23.52			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.76		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.78			
10	16QAM	25	0		22.60		23.5	2
10	16QAM	25	12		22.51			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.54			
10	64QAM	1	0		22.62		23.5	2
10	64QAM	1	25		22.66			
10	64QAM	1	49		22.62			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.51			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.51			
10	256QAM	1	0		19.56		20.5	5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.56			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.48			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.39			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.36	24.45	24.46	25.5	0
5	QPSK	1	12	24.51	24.50	24.51		
5	QPSK	1	24	24.41	24.40	24.43		
5	QPSK	12	0	23.41	23.46	23.52	24.5	1
5	QPSK	12	7	23.30	23.49	23.42		
5	QPSK	12	13	23.40	23.39	23.43		
5	QPSK	25	0	23.36	23.45	23.48		
5	16QAM	1	0	23.69	23.62	23.74	24.5	1
5	16QAM	1	12	23.60	23.66	23.72		
5	16QAM	1	24	23.68	23.63	23.67		
5	16QAM	12	0	22.45	22.53	22.51	23.5	2
5	16QAM	12	7	22.34	22.27	22.39		
5	16QAM	12	13	22.24	22.39	22.42		
5	16QAM	25	0	22.43	22.35	22.48		
5	64QAM	1	0	22.51	22.51	22.50	23.5	2
5	64QAM	1	12	22.51	22.56	22.59		
5	64QAM	1	24	22.54	22.55	22.53		
5	64QAM	12	0	21.39	21.47	21.55	22.5	3
5	64QAM	12	7	21.45	21.41	21.40		
5	64QAM	12	13	21.39	21.29	21.35		
5	64QAM	25	0	21.38	21.37	21.39		
5	256QAM	1	0	19.42	19.42	19.47	20.5	5
5	256QAM	1	12	19.49	19.40	19.53		
5	256QAM	1	24	19.47	19.37	19.54		
5	256QAM	12	0	19.31	19.24	19.40	20.5	5
5	256QAM	12	7	19.46	19.38	19.37		
5	256QAM	12	13	19.38	19.43	19.56		
5	256QAM	25	0	19.28	19.23	19.36		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	24.34	24.56	24.55	25.5	0
3	QPSK	1	8	24.49	24.44	24.54		
3	QPSK	1	14	24.36	24.40	24.43		
3	QPSK	8	0	23.40	23.47	23.51	24.5	1
3	QPSK	8	4	23.30	23.47	23.45		
3	QPSK	8	7	23.40	23.37	23.43		
3	QPSK	15	0	23.45	23.46	23.49		
3	16QAM	1	0	23.64	23.60	23.64	24.5	1
3	16QAM	1	8	23.65	23.64	23.71		
3	16QAM	1	14	23.72	23.65	23.67		
3	16QAM	8	0	22.44	22.48	22.58	23.5	2
3	16QAM	8	4	22.43	22.28	22.42		
3	16QAM	8	7	22.23	22.35	22.37		
3	16QAM	15	0	22.37	22.43	22.53		
3	64QAM	1	0	22.51	22.46	22.51	23.5	2
3	64QAM	1	8	22.61	22.53	22.54		
3	64QAM	1	14	22.57	22.54	22.57		
3	64QAM	8	0	21.40	21.40	21.44	22.5	3
3	64QAM	8	4	21.49	21.40	21.43		
3	64QAM	8	7	21.42	21.28	21.38		
3	64QAM	15	0	21.35	21.30	21.44		
3	256QAM	1	0	19.45	19.44	19.53	20.5	5
3	256QAM	1	8	19.49	19.44	19.53		
3	256QAM	1	14	19.43	19.41	19.51		
3	256QAM	8	0	19.29	19.30	19.41	20.5	5
3	256QAM	8	4	19.36	19.39	19.38		
3	256QAM	8	7	19.35	19.45	19.49		
3	256QAM	15	0	19.26	19.19	19.38		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	24.34	24.45	24.48	25.5	0
1.4	QPSK	1	3	24.40	24.52	24.56		
1.4	QPSK	1	5	24.41	24.45	24.50		
1.4	QPSK	3	0	24.28	24.37	24.38		
1.4	QPSK	3	1	24.35	24.47	24.54		
1.4	QPSK	3	3	24.29	24.34	24.43		
1.4	QPSK	6	0	23.42	23.44	23.51	24.5	1
1.4	16QAM	1	0	23.58	23.57	23.66	24.5	1
1.4	16QAM	1	3	23.60	23.61	23.70		
1.4	16QAM	1	5	23.63	23.62	23.76		
1.4	16QAM	3	0	23.46	23.55	23.58		
1.4	16QAM	3	1	23.53	23.51	23.59		
1.4	16QAM	3	3	23.56	23.50	23.70		
1.4	16QAM	6	0	22.38	22.46	22.43	23.5	2
1.4	64QAM	1	0	22.50	22.51	22.51	23.5	2
1.4	64QAM	1	3	22.56	22.61	22.61		
1.4	64QAM	1	5	22.49	22.48	22.50		
1.4	64QAM	3	0	22.41	22.49	22.46		
1.4	64QAM	3	1	22.47	22.57	22.59		
1.4	64QAM	3	3	22.46	22.38	22.43		
1.4	64QAM	6	0	21.36	21.33	21.41	22.5	3
1.4	256QAM	1	0	19.49	19.46	19.47	20.5	5
1.4	256QAM	1	3	19.40	19.50	19.48		
1.4	256QAM	1	5	19.41	19.43	19.47		
1.4	256QAM	3	0	19.31	19.31	19.36		
1.4	256QAM	3	1	19.38	19.32	19.45		
1.4	256QAM	3	3	19.40	19.42	19.53		
1.4	256QAM	6	0	19.31	19.22	19.37	20.5	5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.67		25.5	0
10	QPSK	1	25		23.65			
10	QPSK	1	49		23.62			
10	QPSK	25	0		22.60		24.5	1
10	QPSK	25	12		22.57			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.85		24.5	1
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.87			
10	16QAM	25	0		21.61		23.5	2
10	16QAM	25	12		21.60			
10	16QAM	25	25		21.55			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.72		23.5	2
10	64QAM	1	25		21.73			
10	64QAM	1	49		21.70			
10	64QAM	25	0		20.58		22.5	3
10	64QAM	25	12		20.59			
10	64QAM	25	25		20.54			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.67		20.5	5
10	256QAM	1	25		18.65			
10	256QAM	1	49		18.77			
10	256QAM	25	0		18.60		20.5	5
10	256QAM	25	12		18.59			
10	256QAM	25	25		18.60			
10	256QAM	50	0		18.52			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.57	23.61	23.55	25.5	0
5	QPSK	1	12	23.62	23.58	23.60		
5	QPSK	1	24	23.55	23.57	23.58		
5	QPSK	12	0	22.53	22.49	22.52	24.5	1
5	QPSK	12	7	22.50	22.48	22.51		
5	QPSK	12	13	22.45	22.47	22.46		
5	QPSK	25	0	22.52	22.54	22.51		
5	16QAM	1	0	22.81	22.79	22.84	24.5	1
5	16QAM	1	12	22.82	22.81	22.80		
5	16QAM	1	24	22.84	22.77	22.77		
5	16QAM	12	0	21.52	21.54	21.56	23.5	2
5	16QAM	12	7	21.49	21.49	21.55		
5	16QAM	12	13	21.49	21.50	21.53		
5	16QAM	25	0	21.51	21.48	21.48		
5	64QAM	1	0	21.62	21.63	21.60	23.5	2
5	64QAM	1	12	21.70	21.62	21.68		
5	64QAM	1	24	21.65	21.60	21.69		
5	64QAM	12	0	20.49	20.57	20.48	22.5	3
5	64QAM	12	7	20.55	20.54	20.55		
5	64QAM	12	13	20.45	20.47	20.45		
5	64QAM	25	0	20.48	20.46	20.43		
5	256QAM	1	0	18.64	18.62	18.62	20.5	5
5	256QAM	1	12	18.58	18.64	18.56		
5	256QAM	1	24	18.71	18.74	18.72		
5	256QAM	12	0	18.56	18.56	18.51	20.5	5
5	256QAM	12	7	18.47	18.50	18.56		
5	256QAM	12	13	18.53	18.50	18.58		
5	256QAM	25	0	18.48	18.47	18.41		
Channel				23195	23230	23265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	23.56	23.61	23.58	25.5	0
3	QPSK	1	8	23.54	23.57	23.55		
3	QPSK	1	14	23.57	23.53	23.51		
3	QPSK	8	0	22.48	22.49	22.59	24.5	1
3	QPSK	8	4	22.50	22.53	22.56		
3	QPSK	8	7	22.52	22.49	22.51		
3	QPSK	15	0	22.51	22.53	22.57		
3	16QAM	1	0	22.76	22.81	22.74	24.5	1
3	16QAM	1	8	22.84	22.86	22.85		
3	16QAM	1	14	22.81	22.77	22.77		
3	16QAM	8	0	21.52	21.52	21.59	23.5	2
3	16QAM	8	4	21.58	21.57	21.51		
3	16QAM	8	7	21.45	21.43	21.49		
3	16QAM	15	0	21.55	21.54	21.50		
3	64QAM	1	0	21.62	21.60	21.66	23.5	2
3	64QAM	1	8	21.69	21.68	21.71		
3	64QAM	1	14	21.65	21.66	21.58		
3	64QAM	8	0	20.55	20.55	20.53	22.5	3
3	64QAM	8	4	20.53	20.49	20.55		
3	64QAM	8	7	20.48	20.46	20.49		
3	64QAM	15	0	20.43	20.44	20.41		
3	256QAM	1	0	18.63	18.57	18.61	20.5	5
3	256QAM	1	8	18.59	18.62	18.58		
3	256QAM	1	14	18.72	18.65	18.71		
3	256QAM	8	0	18.55	18.51	18.55	20.5	5
3	256QAM	8	4	18.48	18.53	18.55		
3	256QAM	8	7	18.59	18.50	18.56		
3	256QAM	15	0	18.48	18.46	18.47		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	23.55	23.62	23.55	25.5	0
1.4	QPSK	1	3	23.58	23.61	23.62		
1.4	QPSK	1	5	23.56	23.59	23.57		
1.4	QPSK	3	0	23.49	23.50	23.52		
1.4	QPSK	3	1	23.51	23.54	23.61		
1.4	QPSK	3	3	23.46	23.56	23.52		
1.4	QPSK	6	0	22.59	22.51	22.48	24.5	1
1.4	16QAM	1	0	22.78	22.76	22.74	24.5	1
1.4	16QAM	1	3	22.83	22.77	22.85		
1.4	16QAM	1	5	22.81	22.84	22.81		
1.4	16QAM	3	0	22.73	22.66	22.69		
1.4	16QAM	3	1	22.78	22.65	22.73		
1.4	16QAM	3	3	22.72	22.72	22.75		
1.4	16QAM	6	0	21.46	21.46	21.50	23.5	2
1.4	64QAM	1	0	21.70	21.64	21.68	23.5	2
1.4	64QAM	1	3	21.63	21.67	21.66		
1.4	64QAM	1	5	21.64	21.60	21.62		
1.4	64QAM	3	0	21.69	21.54	21.59		
1.4	64QAM	3	1	21.58	21.55	21.60		
1.4	64QAM	3	3	21.54	21.50	21.57		
1.4	64QAM	6	0	20.50	20.43	20.43	22.5	3
1.4	256QAM	1	0	18.57	18.64	18.63	20.5	5
1.4	256QAM	1	3	18.54	18.56	18.58		
1.4	256QAM	1	5	18.74	18.75	18.66		
1.4	256QAM	3	0	18.53	18.52	18.56		
1.4	256QAM	3	1	18.53	18.50	18.52		
1.4	256QAM	3	3	18.59	18.57	18.58		
1.4	256QAM	6	0	18.41	18.49	18.48	20.5	5

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.66	24.65	24.5	1
10	QPSK	1	25	24.62	24.63	24.60	25.5	0
10	QPSK	1	49	24.53	24.58	24.47	24.5	1
10	QPSK	25	0	23.61	23.65	23.64		
10	QPSK	25	12	23.58	23.57	23.57		
10	QPSK	25	25	23.53	23.57	23.53		
10	QPSK	50	0	23.59	23.60	23.58		
10	16QAM	1	0	23.77	23.85	23.77		
10	16QAM	1	25	23.71	23.76	23.58	24.5	1
10	16QAM	1	49	23.59	23.77	23.59		
10	16QAM	25	0	22.45	22.59	22.52		
10	16QAM	25	12	22.48	22.63	22.45	23.5	2
10	16QAM	25	25	22.38	22.57	22.55		
10	16QAM	50	0	22.42	22.59	22.43		
10	64QAM	1	0	22.74	22.81	22.66		
10	64QAM	1	25	22.67	22.72	22.63	23.5	2
10	64QAM	1	49	22.59	22.67	22.55		
10	64QAM	25	0	21.47	21.58	21.57		
10	64QAM	25	12	21.59	21.68	21.57	22.5	3
10	64QAM	25	25	21.37	21.57	21.51		
10	64QAM	50	0	21.55	21.58	21.52		
10	256QAM	1	0	19.47	19.58	19.38		
10	256QAM	1	25	19.36	19.51	19.45	20.5	5
10	256QAM	1	49	19.35	19.52	19.46		
10	256QAM	25	0	19.42	19.49	19.35		
10	256QAM	25	12	19.51	19.57	19.38	20.5	5
10	256QAM	25	25	19.42	19.49	19.37		
10	256QAM	50	0	19.31	19.50	19.48		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.56	24.62	24.52	25.5	0
5	QPSK	1	12	24.56	24.41	24.56		
5	QPSK	1	24	24.32	24.50	24.31		
5	QPSK	12	0	23.47	23.45	23.35	24.5	1
5	QPSK	12	7	23.41	23.28	23.33		
5	QPSK	12	13	23.31	23.36	23.39		
5	QPSK	25	0	23.30	23.40	23.34		
5	16QAM	1	0	23.64	23.52	23.46		
5	16QAM	1	12	23.55	23.57	23.36	24.5	1
5	16QAM	1	24	23.27	23.63	23.32		
5	16QAM	12	0	22.15	22.28	22.24		
5	16QAM	12	7	22.34	22.47	22.19	23.5	2
5	16QAM	12	13	22.17	22.32	22.23		
5	16QAM	25	0	22.23	22.35	22.21		
5	64QAM	1	0	22.41	22.53	22.46		
5	64QAM	1	12	22.49	22.56	22.31	23.5	2
5	64QAM	1	24	22.42	22.46	22.26		
5	64QAM	12	0	21.31	21.40	21.32		
5	64QAM	12	7	21.32	21.52	21.25	22.5	3
5	64QAM	12	13	21.14	21.34	21.22		
5	64QAM	25	0	21.24	21.31	21.36		
5	256QAM	1	0	19.18	19.44	19.08		
5	256QAM	1	12	19.14	19.35	19.23	20.5	5
5	256QAM	1	24	19.21	19.33	19.20		
5	256QAM	12	0	19.16	19.21	19.16		
5	256QAM	12	7	19.22	19.44	19.18	20.5	5
5	256QAM	12	13	19.14	19.21	19.06		
5	256QAM	25	0	19.05	19.23	19.32		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.80	23.85	23.83		
10	QPSK	1	25	23.79	23.78	23.77	25.5	0
10	QPSK	1	49	23.57	23.74	23.62		
10	QPSK	25	0	22.69	22.73	22.71		
10	QPSK	25	12	22.66	22.67	22.68	24.5	1
10	QPSK	25	25	22.58	22.68	22.68		
10	QPSK	50	0	22.65	22.69	22.65		
10	16QAM	1	0	22.92	22.93	22.82		
10	16QAM	1	25	22.87	22.85	22.70	24.5	1
10	16QAM	1	49	22.78	22.83	22.65		
10	16QAM	25	0	21.64	21.65	21.61		
10	16QAM	25	12	21.67	21.69	21.59	23.5	2
10	16QAM	25	25	21.63	21.63	21.63		
10	16QAM	50	0	21.62	21.61	21.60		
10	64QAM	1	0	21.78	21.89	21.70		
10	64QAM	1	25	21.74	21.80	21.65	23.5	2
10	64QAM	1	49	21.63	21.77	21.57		
10	64QAM	25	0	20.61	20.63	20.55		
10	64QAM	25	12	20.64	20.73	20.68	22.5	3
10	64QAM	25	25	20.74	20.76	20.59		
10	64QAM	50	0	20.60	20.91	20.76		
10	256QAM	1	0	18.62	18.87	18.56		
10	256QAM	1	25	18.50	18.60	18.60	20.5	5
10	256QAM	1	49	18.61	18.61	18.50		
10	256QAM	25	0	18.57	18.58	18.58		
10	256QAM	25	12	18.50	18.65	18.65	20.5	5
10	256QAM	25	25	18.52	18.55	18.56		
10	256QAM	50	0	18.54	18.57	18.57		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.75	23.75		
5	QPSK	1	12	23.72	23.67	23.75	25.5	0
5	QPSK	1	24	23.50	23.72	23.56		
5	QPSK	12	0	22.57	22.62	22.62		
5	QPSK	12	7	22.57	22.65	22.56	24.5	1
5	QPSK	12	13	22.53	22.66	22.56		
5	QPSK	25	0	22.55	22.62	22.63		
5	16QAM	1	0	22.66	22.81	22.77		
5	16QAM	1	12	22.57	22.77	22.66	24.5	1
5	16QAM	1	24	22.76	22.78	22.61		
5	16QAM	12	0	21.58	21.59	21.64		
5	16QAM	12	7	21.60	21.61	21.53	23.5	2
5	16QAM	12	13	21.58	21.53	21.60		
5	16QAM	25	0	21.53	21.54	21.56		
5	64QAM	1	0	21.67	21.82	21.65		
5	64QAM	1	12	21.72	21.78	21.59	23.5	2
5	64QAM	1	24	21.55	21.68	21.54		
5	64QAM	12	0	20.64	20.60	20.50		
5	64QAM	12	7	20.52	20.71	20.56	22.5	3
5	64QAM	12	13	20.67	20.66	20.52		
5	64QAM	25	0	20.52	20.86	20.69		
5	256QAM	1	0	18.59	18.65	18.54		
5	256QAM	1	12	18.58	18.64	18.50	20.5	5
5	256QAM	1	24	18.51	18.64	18.54		
5	256QAM	12	0	18.63	18.62	18.52		
5	256QAM	12	7	18.53	18.58	18.55	20.5	5
5	256QAM	12	13	18.63	18.61	18.64		
5	256QAM	25	0	18.59	18.50	18.52		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61		
15	QPSK	36	20	23.60	23.62	23.66	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.71	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.56	21.72	21.71		
15	256QAM	1	0	19.60	19.62	19.60		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.58		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.83	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.58	23.58		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.64	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77		
10	64QAM	1	25	22.62	22.71	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.76		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.58		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.48	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.82	22.83	22.87		
5	64QAM	1	12	22.87	22.87	22.85	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.52		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.69	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.48	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.50	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.89	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.67	22.68	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.71	23.82	23.78		
15	QPSK	1	37	23.68	23.75	23.76	25.5	0
15	QPSK	1	74	23.64	23.71	23.71		
15	QPSK	36	0	22.65	22.81	22.78		
15	QPSK	36	20	22.56	22.67	22.71		
15	QPSK	36	39	22.59	22.73	22.69	24.5	1
15	QPSK	75	0	22.62	22.74	22.70		
15	16QAM	1	0	22.79	22.89	22.99		
15	16QAM	1	37	22.86	22.96	23.01	24.5	1
15	16QAM	1	74	22.90	22.97	23.00		
15	16QAM	36	0	21.58	21.64	21.80		
15	16QAM	36	20	21.63	21.67	21.76	23.5	2
15	16QAM	36	39	21.59	21.69	21.72		
15	16QAM	75	0	21.58	21.68	21.76		
15	64QAM	1	0	21.66	21.74	21.83		
15	64QAM	1	37	21.76	21.86	21.89	23.5	2
15	64QAM	1	74	21.77	21.86	21.88		
15	64QAM	36	0	20.55	20.66	20.72		
15	64QAM	36	20	20.62	20.65	20.76	22.5	3
15	64QAM	36	39	20.64	20.71	20.69		
15	64QAM	75	0	20.55	20.73	20.73		
15	256QAM	1	0	18.68	18.74	18.65		
15	256QAM	1	37	18.70	18.75	18.72	20.5	5
15	256QAM	1	74	18.68	18.75	18.64		
15	256QAM	36	0	18.59	18.68	18.68		
15	256QAM	36	20	18.52	18.62	18.58	20.5	5
15	256QAM	36	39	18.51	18.60	18.53		
15	256QAM	75	0	18.53	18.62	18.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.70	23.75	23.66		
10	QPSK	1	25	23.56	23.66	23.74	25.5	0
10	QPSK	1	49	23.54	23.69	23.62		
10	QPSK	25	0	22.58	22.72	22.75		
10	QPSK	25	12	22.87	22.58	22.59	24.5	1
10	QPSK	25	25	22.53	22.63	22.66		
10	QPSK	50	0	22.56	22.72	22.63		
10	16QAM	1	0	22.68	22.82	22.92		
10	16QAM	1	25	22.76	22.91	22.96	24.5	1
10	16QAM	1	49	22.81	22.85	22.97		
10	16QAM	25	0	21.53	21.60	21.77		
10	16QAM	25	12	21.62	21.59	21.74	23.5	2
10	16QAM	25	25	21.57	21.65	21.69		
10	16QAM	50	0	21.86	21.65	21.71		
10	64QAM	1	0	21.64	21.64	21.78		
10	64QAM	1	25	21.68	21.74	21.77	23.5	2
10	64QAM	1	49	21.68	21.81	21.81		
10	64QAM	25	0	20.86	20.59	20.61		
10	64QAM	25	12	20.50	20.58	20.71	22.5	3
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.86	20.57	20.65		
10	256QAM	1	0	18.65	18.64	18.55		
10	256QAM	1	25	18.60	18.69	18.60	20.5	5
10	256QAM	1	49	18.63	18.64	18.59		
10	256QAM	25	0	18.56	18.57	18.62		
10	256QAM	25	12	18.83	18.56	18.52	20.5	5
10	256QAM	25	25	18.85	18.88	18.50		
10	256QAM	50	0	18.87	18.55	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.69	23.71	23.67		
5	QPSK	1	12	23.63	23.67	23.71	25.5	0
5	QPSK	1	24	23.58	23.64	23.60		
5	QPSK	12	0	22.61	22.77	22.68		
5	QPSK	12	7	22.85	22.61	22.69	24.5	1
5	QPSK	12	13	22.88	22.70	22.63		
5	QPSK	25	0	22.56	22.62	22.68		
5	16QAM	1	0	22.72	22.77	22.96		
5	16QAM	1	12	22.75	22.88	23.00	24.5	1
5	16QAM	1	24	22.81	22.94	22.96		
5	16QAM	12	0	21.50	21.55	21.69		
5	16QAM	12	7	21.56	21.60	21.72	23.5	2
5	16QAM	12	13	21.87	21.67	21.62		
5	16QAM	25	0	21.53	21.62	21.73		
5	64QAM	1	0	21.64	21.72	21.71		
5	64QAM	1	12	21.72	21.84	21.87	23.5	2
5	64QAM	1	24	21.69	21.85	21.83		
5	64QAM	12	0	20.50	20.59	20.61		
5	64QAM	12	7	20.57	20.59	20.75	22.5	3
5	64QAM	12	13	20.57	20.66	20.67		
5	64QAM	25	0	20.84	20.57	20.61		
5	256QAM	1	0	18.65	18.73	18.53		
5	256QAM	1	12	18.65	18.69	18.66	20.5	5
5	256QAM	1	24	18.60	18.74	18.53		
5	256QAM	12	0	18.87	18.60	18.57		
5	256QAM	12	7	18.51	18.58	18.86	20.5	5
5	256QAM	12	13	18.89	18.59	18.84		
5	256QAM	25	0	18.83	18.50	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.64	23.73	23.68		
3	QPSK	1	8	23.66	23.66	23.64	25.5	0
3	QPSK	1	14	23.55	23.61	23.67		
3	QPSK	8	0	22.63	22.76	22.74		
3	QPSK	8	4	22.54	22.64	22.63	24.5	1
3	QPSK	8	7	22.52	22.70	22.58		
3	QPSK	15	0	22.60	22.64	22.61		
3	16QAM	1	0	22.67	22.77	22.95		
3	16QAM	1	8	22.83	22.95	22.95

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.28	19.45	19.44	21	0
20	QPSK	1	49	19.16	19.30	19.41		
20	QPSK	1	99	19.17	19.25	19.34		
20	QPSK	50	0	19.31	19.38	19.29		
20	QPSK	50	24	19.24	19.35	19.28	21	0
20	QPSK	50	50	19.30	19.30	19.26		
20	QPSK	100	0	19.18	19.30	19.25		
20	16QAM	1	0	19.13	19.38	19.42		
20	16QAM	1	49	19.23	19.35	19.40	21	0
20	16QAM	1	99	19.23	19.27	19.41		
20	16QAM	50	0	19.14	19.26	19.32		
20	16QAM	50	24	19.19	19.34	19.41	21	0
20	16QAM	50	50	19.25	19.30	19.38		
20	16QAM	100	0	19.15	19.29	19.41		
20	64QAM	1	0	19.26	19.44	19.38		
20	64QAM	1	49	19.35	19.38	19.41	21	0
20	64QAM	1	99	19.34	19.42	19.41		
20	64QAM	50	0	19.14	19.28	19.38		
20	64QAM	50	24	19.24	19.33	19.42	21	0
20	64QAM	50	50	19.28	19.28	19.42		
20	64QAM	100	0	19.16	19.31	19.42		
20	256QAM	1	0	17.16	17.33	17.26		
20	256QAM	1	49	17.13	17.25	17.25	19	2
20	256QAM	1	99	17.06	17.19	17.23		
20	256QAM	50	0	17.16	17.32	17.11		
20	256QAM	50	24	17.10	17.26	17.25	19	2
20	256QAM	50	50	17.14	17.24	17.09		
20	256QAM	100	0	17.09	17.14	17.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.11	19.34	19.44	21	0
15	QPSK	1	37	19.13	19.29	19.33		
15	QPSK	1	74	19.01	19.13	19.19		
15	QPSK	36	0	19.14	19.32	19.15		
15	QPSK	36	20	19.09	19.18	19.22	21	0
15	QPSK	36	39	19.27	19.15	19.24		
15	QPSK	75	0	19.16	19.18	19.22		
15	QPSK	75	39	19.07	19.15	19.35		
15	16QAM	1	0	19.15	19.31	19.36	21	0
15	16QAM	1	37	19.15	19.12	19.24		
15	16QAM	1	74	19.15	19.12	19.24		
15	16QAM	36	0	19.10	19.17	19.20		
15	16QAM	36	20	19.00	19.22	19.24	21	0
15	16QAM	36	39	19.15	19.18	19.31		
15	16QAM	75	0	19.19	19.23	19.27		
15	64QAM	1	0	19.19	19.25	19.37		
15	64QAM	1	37	19.29	19.16	19.40	21	0
15	64QAM	1	74	19.18	19.29	19.23		
15	64QAM	36	0	19.07	19.12	19.33		
15	64QAM	36	20	19.17	19.28	19.34	21	0
15	64QAM	36	39	19.12	19.18	19.35		
15	64QAM	75	0	19.12	19.16	19.31		
15	256QAM	1	0	17.09	17.21	17.10		
15	256QAM	1	37	17.16	17.08	17.09	19	2
15	256QAM	1	74	17.12	17.06	17.03		
15	256QAM	36	0	17.19	17.31	17.04		
15	256QAM	36	20	17.06	17.10	17.10	19	2
15	256QAM	36	39	17.10	17.06	17.12		
15	256QAM	75	0	17.01	17.19	17.05		
Channel				132122	132322	132522	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.25	19.34	19.29	21	0
10	QPSK	1	25	19.06	19.27	19.23		
10	QPSK	1	49	19.17	19.17	19.29		
10	QPSK	25	0	19.12	19.28	19.14		
10	QPSK	25	12	19.12	19.21	19.21	21	0
10	QPSK	25	25	19.10	19.26	19.10		
10	QPSK	50	0	19.18	19.23	19.05		
10	16QAM	1	0	19.04	19.37	19.35		
10	16QAM	1	25	19.17	19.25	19.24	21	0
10	16QAM	1	49	19.04	19.15	19.22		
10	16QAM	25	0	19.00	19.12	19.18		
10	16QAM	25	12	19.17	19.25	19.30	21	0
10	16QAM	25	25	19.17	19.15	19.24		
10	16QAM	50	0	19.11	19.11	19.38		
10	64QAM	1	0	19.16	19.32	19.24		
10	64QAM	1	25	19.32	19.12	19.41	21	0
10	64QAM	1	49	19.21	19.24	19.27		
10	64QAM	25	0	19.10	19.24	19.37		
10	64QAM	25	12	19.09	19.22	19.42	21	0
10	64QAM	25	25	19.27	19.12	19.36		
10	64QAM	50	0	19.04	19.13	19.36		
10	256QAM	1	0	17.16	17.26	17.19		
10	256QAM	1	25	17.09	17.07	17.15	19	2
10	256QAM	1	49	17.09	17.23	17.23		
10	256QAM	25	0	17.17	17.21	17.10		
10	256QAM	25	12	17.02	17.20	17.24	19	2
10	256QAM	25	25	17.07	17.17	17.11		
10	256QAM	50	0	17.17	17.07	17.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.22	19.43	19.29	21	0
5	QPSK	1	12	19.00	19.16	19.25		
5	QPSK	1	24	19.19	19.23	19.33		
5	QPSK	12	0	19.19	19.39	19.09		
5	QPSK	12	7	19.18	19.29	19.24	21	0
5	QPSK	12	13	19.23	19.23	19.24		
5	QPSK	25	0	19.01	19.18	19.14		
5	16QAM	1	0	19.05	19.34	19.38		
5	16QAM	1	12	19.05	19.20	19.29	21	0
5	16QAM	1	24	19.08	19.20	19.33		
5	16QAM	12	0	19.12	19.22	19.20		
5	16QAM	12	7	19.18	19.25	19.25	21	0
5	16QAM	12	13	19.15	19.25	19.30		
5	16QAM	25	0	19.15	19.10	19.31		
5	64QAM	1	0	19.14	19.42	19.25		
5	64QAM	1	12	19.23	19.30	19.30	21	0
5	64QAM	1	24	19.27	19.29	19.36		
5	64QAM	12	0	19.09	19.20	19.21		
5	64QAM	12	7	19.13	19.15	19.32	21	0
5	64QAM	12	13	19.23	19.28	19.41		
5	64QAM	25	0	19.16	19.12	19.37		
5	256QAM	1	0	17.02	17.17	17.16		
5	256QAM	1	12	17.04	17.08	17.08	19	2
5	256QAM	1	24	17.09	17.19	17.12		
5	256QAM	12	0	17.10	17.19	17.04		
5	256QAM	12	7	17.12	17.18	17.06	19	2
5	256QAM	12	13	17.12	17.24	17.13		
5	256QAM	25	0	17.08	17.14	17.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.14	19.32	19.41	21	0
3	QPSK	1	8	19.09	19.27	19.33		
3	QPSK	1	14	19.01	19.08	19.26		
3	QPSK	8	0	19.27	19.34	19.27		
3	QPSK	8	4	19.24	19.34	19.24	21	0
3	QPSK	8	7	19.27	19.15	19.10		
3	QPSK	15	0	19.17	19.37	19.11		
3	16QAM	1	0	19.19	19.37	19.28		
3	16QAM	1	8	19.04	19.35	19.26	21	0
3	16QAM	1	14	19.16	19.21	19.31		
3	16QAM	8	0	19.07	19.14	19.22		
3	16QAM	8	4	19.09	19.21	19.37	21	0
3	16QAM	8	7	19.20	19.12	19.25		
3	16QAM	15	0	19.16	19.11	19.26		
3	64QAM	1	0	19.21	19.27	19.30		
3	64QAM	1	8	19.24	19.27	19.30	21	0
3	64QAM	1	14	19.31	19.42	19.34		
3	64QAM	8	0	19.19	19.18	19.30		
3	64QAM	8	4	19.13	19.25	19.32	21	0
3	64QAM	8	7	19.24	19.14	19.41		
3	64QAM	15	0	19.06	19.23	19.29		
3	256QAM	1	0	17.15	17.28	17.25		
3	256QAM	1	8	17.15	17.05	17.07	19	2
3	256QAM	1	14	17.17	17.17	17.18		
3	256QAM	8	0	17.14	17.13	17.01		
3	256QAM	8	4	17.07	17.13	17.20	19	2
3	256QAM	8	7	17.14	17.06	17.08		
3	256QAM	15	0	17.02	17.16	17.06		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.12	19.34	19.35	21	0
1.4	QPSK	1	3	19.13	19.18	19.24		
1.4	QPSK	1	5	19.13	19.16	19.23		
1.4	QPSK	3	0	19.28	19.24	19.23		
1.4	QPSK	3	1	19.20	19.15	19.11		
1.4	QPSK	3	3	19.19	19.20	19.21		
1.4	QPSK	3	5	19.05	19.21	19.18	21	0
1.4	16QAM	1	0	19.13	19.18	19.37		
1.4	16QAM	1	3	19.09	19.15	19.36		
1.4	16QAM	1	5	19.20	19.15	19.28	21	0
1.4	16QAM	3	0	19.18	19.19	19.13		
1.4	16QAM	3	1	19.02	19.23	19.37		
1.4	16QAM	3	3	19.08	19.23	19.30		
1.4	16QAM	6	0	19.12	19.14	19.33	21	0
1.4	64QAM	1	0	19.07	19.17	19.22		
1.4	64QAM	1	3	19.35	19.28	19.27		
1.4	64QAM	1	5	19.29	19.39	19.24	21	0
1.4	64QAM	3	0	19.05	19.12	19.18		
1.4	64QAM	3	1	19.04	19.23	19.27		
1.4	64QAM	3	3	19.23	19.19	19.35		
1.4	64QAM	6	0	19.11	19.26	19.42	21	0
1.4	256QAM	1	0	17.10	17.14	17.24	19	2
1.4	256QAM	1	3	17.15	17.11	17.22		
1.4	256QAM	1	5	17.07	17.15	17.07		
1.4	256QAM	3	0	17.10	17.20	17.08		
1.4	256QAM	3	1	17.13	17.10	17.15		
1.4	256QAM	3	3	17.00	17.12	17.02		
1.4	256QAM	6	0	17.16	17.18	17.02	19	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.85	18.96	18.78	20.5	0
20	QPSK	1	49	18.63	18.88	18.77		
20	QPSK	1	99	18.72	18.79	18.76		
20	QPSK	50	0	18.80	18.91	18.76		
20	QPSK	50	24	18.88	18.78	18.72		
20	QPSK	50	50	18.79	18.73	18.74		
20	QPSK	100	0	18.65	18.85	18.74		
20	16QAM	1	0	18.96	18.92	18.80		
20	16QAM	1	49	18.92	18.78	18.73	20.5	0
20	16QAM	1	99	18.90	18.88	18.80		
20	16QAM	50	0	18.73	18.71	18.80		
20	16QAM	50	24	18.66	18.90	18.86	20.5	0
20	16QAM	50	50	18.87	18.79	18.92		
20	16QAM	100	0	18.69	18.86	18.83		
20	64QAM	1	0	18.75	18.76	18.76		
20	64QAM	1	49	18.72	18.79	18.69	20.5	0
20	64QAM	1	99	18.73	18.78	18.70		
20	64QAM	50	0	18.70	18.70	18.78		
20	64QAM	50	24	18.69	18.75	18.59	20.5	0
20	64QAM	50	50	18.72	18.65	18.57		
20	64QAM	100	0	18.67	18.79	18.67		
20	256QAM	1	0	18.67	18.71	18.57		
20	256QAM	1	49	18.63	18.75	18.64	20.5	0
20	256QAM	1	99	18.65	18.75	18.76		
20	256QAM	50	0	18.72	18.65	18.70		
20	256QAM	50	24	18.62	18.77	18.72	20.5	0
20	256QAM	50	50	18.62	18.69	18.58		
20	256QAM	100	0	18.69	18.78	18.60		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.64	18.86	18.61	20.5	0
15	QPSK	1	37	18.58	18.79	18.63		
15	QPSK	1	74	18.69	18.71	18.66		
15	QPSK	36	0	18.68	18.81	18.68		
15	QPSK	36	20	18.60	18.77	18.61	20.5	0
15	QPSK	36	39	18.70	18.57	18.72		
15	QPSK	75	0	18.61	18.91	18.59		
15	16QAM	1	0	18.78	18.61	18.76		
15	16QAM	1	37	18.78	18.55	18.72	20.5	0
15	16QAM	1	74	18.70	18.79	18.63		
15	16QAM	36	0	18.64	18.54	18.67		
15	16QAM	36	20	18.62	18.74	18.72	20.5	0
15	16QAM	36	39	18.62	18.70	18.77		
15	16QAM	75	0	18.60	18.74	18.69		
15	64QAM	1	0	18.63	18.63	18.61		
15	64QAM	1	37	18.71	18.68	18.66	20.5	0
15	64QAM	1	74	18.69	18.70	18.68		
15	64QAM	36	0	18.67	18.53	18.72		
15	64QAM	36	20	18.53	18.69	18.58	20.5	0
15	64QAM	36	39	18.61	18.62	18.56		
15	64QAM	75	0	18.65	18.67	18.53		
15	256QAM	1	0	18.58	18.68	18.64		
15	256QAM	1	37	18.64	18.75	18.65	20.5	0
15	256QAM	1	74	18.63	18.74	18.78		
15	256QAM	36	0	18.62	18.85	18.61		
15	256QAM	36	20	18.57	18.69	18.60	20.5	0
15	256QAM	36	39	18.61	18.55	18.64		
15	256QAM	75	0	18.60	18.66	18.52		
Channel				132122	132322	132522	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.65	18.78	18.74	20.5	0
10	QPSK	1	25	18.54	18.71	18.77		
10	QPSK	1	49	18.58	18.77	18.71		
10	QPSK	25	0	18.61	18.75	18.75		
10	QPSK	25	12	18.60	18.70	18.65	20.5	0
10	QPSK	25	25	18.77	18.63	18.55		
10	QPSK	50	0	18.67	18.77	18.67		
10	16QAM	1	0	18.63	18.77	18.63		
10	16QAM	1	25	18.88	18.69	18.54	20.5	0
10	16QAM	1	49	18.85	18.83	18.71		
10	16QAM	25	0	18.73	18.68	18.80		
10	16QAM	25	12	18.69	18.86	18.68	20.5	0
10	16QAM	25	25	18.86	18.70	18.88		
10	16QAM	50	0	18.61	18.79	18.67		
10	64QAM	1	0	18.55	18.67	18.60		
10	64QAM	1	25	18.62	18.79	18.56	20.5	0
10	64QAM	1	49	18.57	18.65	18.68		
10	64QAM	25	0	18.59	18.59	18.74		
10	64QAM	25	12	18.51	18.68	18.59	20.5	0
10	64QAM	25	25	18.68	18.54	18.55		
10	64QAM	50	0	18.74	18.78	18.57		
10	256QAM	1	0	18.65	18.53	18.59		
10	256QAM	1	25	18.56	18.58	18.63	20.5	0
10	256QAM	1	49	18.58	18.69	18.75		
10	256QAM	25	0	18.56	18.60	18.60		
10	256QAM	25	12	18.65	18.66	18.53	20.5	0
10	256QAM	25	25	18.59	18.65	18.68		
10	256QAM	50	0	18.62	18.53	18.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.63	18.81	18.62	20.5	0
5	QPSK	1	12	18.50	18.73	18.65		
5	QPSK	1	24	18.52	18.79	18.62		
5	QPSK	12	0	18.71	18.80	18.66		
5	QPSK	12	7	18.75	18.71	18.60	20.5	0
5	QPSK	12	13	18.79	18.73	18.60		
5	QPSK	25	0	18.58	18.81	18.63		
5	16QAM	1	0	18.64	18.62	18.62		
5	16QAM	1	12	18.90	18.63	18.57	20.5	0
5	16QAM	1	24	18.75	18.76	18.63		
5	16QAM	12	0	18.64	18.62	18.75		
5	16QAM	12	7	18.77	18.83	18.80	20.5	0
5	16QAM	12	13	18.81	18.61	18.73		
5	16QAM	25	0	18.68	18.70	18.66		
5	64QAM	1	0	18.58	18.74	18.72		
5	64QAM	1	12	18.93	18.79	18.54	20.5	0
5	64QAM	1	24	18.56	18.76	18.62		
5	64QAM	12	0	18.70	18.69	18.63		
5	64QAM	12	7	18.54	18.72	18.55	20.5	0
5	64QAM	12	13	18.69	18.54	18.68		
5	64QAM	25	0	18.67	18.62	18.68		
5	256QAM	1	0	18.54	18.59	18.61		
5	256QAM	1	12	18.65	18.68	18.64	20.5	0
5	256QAM	1	24	18.56	18.66	18.44		
5	256QAM	12	0	18.55	18.60	18.63		
5	256QAM	12	7	18.54	18.63	18.61	20.5	0
5	256QAM	12	13	18.67	18.65	18.58		
5	256QAM	25	0	18.54	18.62	18.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.72	18.91	18.75	20.5	0
3	QPSK	1	8	18.67	18.88	18.63		
3	QPSK	1	14	18.61	18.80	18.59		
3	QPSK	8	0	18.82	18.83	18.60		
3	QPSK	8	4	18.64	18.58	18.56	20.5	0
3	QPSK	8	7	18.59	18.69	18.58		
3	QPSK	15	0	18.83	18.62	18.56		
3	16QAM	1	0	18.87	18.82	18.76		
3	16QAM	1	8	18.84	18.68	18.68	20.5	0
3	16QAM	1	14	18.79	18.86	18.71		
3	16QAM	8	0	18.57	18.59	18.73		
3	16QAM	8	4	18.56	18.73	18.70	20.5	0
3	16QAM	8	7	18.70	18.79	18.84		
3	16QAM	15	0	18.68	18.66	18.77		
3	64QAM	1	0	18.74	18.68	18.56		
3	64QAM	1	8	18.54	18.78	18.54	20.5	0
3	64QAM	1	14	18.62	18.70	18.65		
3	64QAM	8	0	18.55	18.58	18.74		
3	64QAM	8	4	18.69	18.63	18.54	20.5	0
3	64QAM	8	7	18.69	18.89	18.53		
3	64QAM	15	0	18.75	18.90	18.58		
3	256QAM	1	0	18.53	18.51	18.58		
3	256QAM	1	8	18.65	18.68	18.51	20.5	0
3	256QAM	1	14	18.74	18.66	18.63		
3	256QAM	8	0	18.59	18.65	18.60		
3	256QAM	8	4	18.58	18.74	18.72	20.5	0
3	256QAM	8	7	18.60	18.52	18.66		
3	256QAM	15	0	18.55	18.83	18.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.66	18.82	18.71	20.5	0
1.4	QPSK	1	3	18.63	18.71	18.65		
1.4	QPSK	1	5	18.64	18.83	18.64		
1.4	QPSK	3	0	18.80	18.70	18.61		
1.4	QPSK	3	1	18.73	18.64	18.52		
1.4	QPSK	3	3	18.70	18.67	18.58		
1.4	QPSK	6	0	18.86	18.93	18.59	20.5	0
1.4	16QAM	1	0	18.86	18.91	18.63		
1.4	16QAM	1	3	18.82	18.64	18.68		
1.4	16QAM	1	5	18.81	18.86	18.68	20.5	0
1.4	16QAM	3	0	18.56	18.66	18.77		
1.4	16QAM	3	1	18.56	18.75	18.73		
1.4	16QAM	3	3	18.71	18.65	18.89		
1.4	16QAM	6	0	18.56	18.83	18.66	20.5	0
1.4	64QAM	1	0	18.57	18.75	18.63		
1.4	64QAM	1	3	18.57	18.61	18.52		
1.4	64QAM	1	5	18.56	18.63	18.69	20.5	0
1.4	64QAM	3	0	18.59	18.51	18.78		
1.4	64QAM	3	1	18.59	18.73	18.56		
1.4	64QAM	3	3	18.71	18.64	18.52		
1.4	64QAM	6	0	18.57	18.69	18.55	20.5	0
1.4	256QAM	1	0	18.60	18.56	18.69		
1.4	256QAM	1	3	18.51	18.80	18.51	20.5	0
1.4	256QAM	1	5	18.54	18.69	18.66		
1.4	256QAM	3	0	18.57	18.66	18.57		
1.4	256QAM	3	1	18.62	18.77	18.57		
1.4	256QAM	3	3	18.66	18.50	18.68		
1.4	256QAM	6	0	18.67	18.65	18.69	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11	23.5	0
20	QPSK	1	49	21.91	22.12	22.08		
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15		
20	QPSK	50	24	20.88	21.11	21.14	22.5	1
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40		
20	16QAM	1	49	21.15	21.34	21.35	22.5	1
20	16QAM	1	99	21.19	21.20	21.26		
20	16QAM	50	0	19.87	20.07	20.23		
20	16QAM	50	24	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.54	22.56	22.36	23.5	0
20	QPSK	1	49	22.33	22.47	22.35		
20	QPSK	1	99	22.45	22.37	22.26		
20	QPSK	50	0	22.44	22.52	22.25		
20	QPSK	50	24	22.33	22.48	22.24	23.5	0
20	QPSK	50	50	22.34	22.39	22.24		
20	QPSK	100	0	22.41	22.46	22.05		
20	16QAM	1	0	22.43	22.37	22.12		
20	16QAM	1	49	22.30	22.42	22.10	23.5	0
20	16QAM	1	99	22.36	22.41	22.10		
20	16QAM	50	0	21.46	21.42	21.14		
20	16QAM	50	24	21.29	21.50	21.12	22.5	1
20	16QAM	50	50	21.31	21.40	21.16		
20	16QAM	100	0	21.47	21.45	21.15		
20	64QAM	1	0	21.31	21.43	21.22		
20	64QAM	1	49	21.41	21.45	21.08	22.5	1
20	64QAM	1	99	21.37	21.35	21.10		
20	64QAM	50	0	20.46	20.43	20.15		
20	64QAM	50	24	20.31	20.38	20.19	21.5	2
20	64QAM	50	50	20.42	20.32	20.22		
20	64QAM	100	0	20.46	20.49	20.22		
20	256QAM	1	0	18.41	18.51	18.14		
20	256QAM	1	49	18.49	18.37	18.13	19.5	4
20	256QAM	1	99	18.40	18.50	18.18		
20	256QAM	50	0	18.41	18.38	18.25		
20	256QAM	50	24	18.48	18.48	18.19	19.5	4
20	256QAM	50	50	18.33	18.45	18.21		
20	256QAM	100	0	18.46	18.33	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.34	22.55	22.37	23.5	0
15	QPSK	1	37	22.14	22.31	22.26		
15	QPSK	1	74	22.41	22.33	22.35		
15	QPSK	36	0	22.34	22.45	22.37		
15	QPSK	36	20	22.33	22.29	22.13	23.5	0
15	QPSK	36	39	22.28	22.33	22.28		
15	QPSK	75	0	22.26	22.40	22.28		
15	16QAM	1	0	22.25	22.35	22.41		
15	16QAM	1	37	22.19	22.40	22.26	23.5	0
15	16QAM	1	74	22.28	22.27	22.28		
15	16QAM	36	0	21.27	21.37	21.28		
15	16QAM	36	20	21.18	21.40	21.13		
15	16QAM	36	39	21.21	21.25	21.16	22.5	1
15	16QAM	75	0	21.36	21.26	21.46		
15	64QAM	1	0	21.26	21.23	21.24		
15	64QAM	1	37	21.40	21.29	21.35	22.5	1
15	64QAM	1	74	21.35	21.18	21.24		
15	64QAM	36	0	20.39	20.23	20.46		
15	64QAM	36	20	20.12	20.23	20.29	21.5	2
15	64QAM	36	39	20.34	20.32	20.24		
15	64QAM	75	0	20.28	20.31	20.41		
15	256QAM	1	0	18.26	18.40	18.21		
15	256QAM	1	37	18.46	18.36	18.46	19.5	4
15	256QAM	1	74	18.32	18.43	18.37		
15	256QAM	36	0	18.36	18.33	18.27		
15	256QAM	36	20	18.41	18.41	18.40	19.5	4
15	256QAM	36	39	18.19	18.34	18.22		
15	256QAM	75	0	18.35	18.20	18.37		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	22.54	22.43	22.15	23.5	0
10	QPSK	1	25	22.27	22.35	22.24		
10	QPSK	1	49	22.30	22.33	22.42		
10	QPSK	25	0	22.43	22.48	22.32		
10	QPSK	25	12	22.26	22.44	22.14	23.5	0
10	QPSK	25	25	22.23	22.34	22.17		
10	QPSK	50	0	22.27	22.26	22.26		
10	16QAM	1	0	22.27	22.24	22.23		
10	16QAM	1	25	22.29	22.29	22.13	23.5	0
10	16QAM	1	49	22.34	22.23	22.36		
10	16QAM	25	0	21.43	21.36	21.40		
10	16QAM	25	12	21.27	21.36	21.13	22.5	1
10	16QAM	25	25	21.23	21.27	21.23		
10	16QAM	50	0	21.37	21.37	21.27		
10	64QAM	1	0	21.12	21.32	21.14		
10	64QAM	1	25	21.37	21.37	21.21	22.5	1
10	64QAM	1	49	21.30	21.30	21.22		
10	64QAM	25	0	20.41	20.31	20.29		
10	64QAM	25	12	20.27	20.22	20.21	21.5	2
10	64QAM	25	25	20.39	20.15	20.38		
10	64QAM	50	0	20.38	20.49	20.43		
10	256QAM	1	0	18.21	18.35	18.23		
10	256QAM	1	25	18.45	18.35	18.30	19.5	4
10	256QAM	1	49	18.21	18.41	18.37		
10	256QAM	25	0	18.24	18.21	18.40		
10	256QAM	25	12	18.37	18.38	18.43	19.5	4
10	256QAM	25	25	18.17	18.40	18.19		
10	256QAM	50	0	18.29	18.30	18.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.53	22.45	22.39	23.5	0
5	QPSK	1	12	22.22	22.42	22.20		
5	QPSK	1	24	22.31	22.25	22.30		
5	QPSK	12	0	22.30	22.48	22.31		
5	QPSK	12	7	22.31	22.44	22.30	23.5	0
5	QPSK	12	13	22.30	22.19	22.30		
5	QPSK	25	0	22.26	22.40	22.24		
5	16QAM	1	0	22.31	22.30	22.26		
5	16QAM	1	12	22.26	22.36	22.16	23.5	0
5	16QAM	1	24	22.22	22.22	22.32		
5	16QAM	12	0	21.45	21.35	21.34		
5	16QAM	12	7	21.17	21.34	21.28	22.5	1
5	16QAM	12	13	21.22	21.32	21.21		
5	16QAM	25	0	21.32	21.45	21.38		
5	64QAM	1	0	21.20	21.30	21.11		
5	64QAM	1	12	21.35	21.34	21.41	22.5	1
5	64QAM	1	24	21.37	21.22	21.21		
5	64QAM	12	0	20.42	20.37	20.32		
5	64QAM	12	7	20.29	20.24	20.31	21.5	2
5	64QAM	12	13	20.34	20.28	20.42		
5	64QAM	25	0	20.46	20.37	20.26		
5	256QAM	1	0	18.24	18.48	18.31		
5	256QAM	1	12	18.40	18.26	18.33	19.5	4
5	256QAM	1	24	18.23	18.37	18.22		
5	256QAM	12	0	18.40	18.27	18.31		
5	256QAM	12	7	18.32	18.34	18.47	19.5	4
5	256QAM	12	13	18.27	18.33	18.16		
5	256QAM	25	0	18.35	18.15	18.26		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.36	22.38	22.20	23.2	0
20	QPSK	1	49	22.28	22.15	22.06		
20	QPSK	1	99	22.27	22.09	22.13		
20	QPSK	50	0	22.20	22.33	22.16		
20	QPSK	50	24	22.22	22.06	22.14	23.2	0
20	QPSK	50	50	22.13	22.09	22.12		
20	QPSK	100	0	22.10	22.14	22.14		
20	16QAM	1	0	22.32	22.05	22.03		
20	16QAM	1	49	22.27	22.04	22.14	23.2	0
20	16QAM	1	99	22.17	21.92	22.08		
20	16QAM	50	0	22.23	22.00	22.03		
20	16QAM	50	24	22.20	21.92	22.08	23.2	0
20	16QAM	50	50	22.16	22.08	21.99		
20	16QAM	100	0	22.18	21.95	21.96		
20	64QAM	1	0	22.15	21.92	22.12		
20	64QAM	1	49	22.31	21.95	22.16	23.2	0
20	64QAM	1	99	22.32	21.94	22.09		
20	64QAM	50	0	21.72	21.48	21.48		
20	64QAM	50	24	21.78	21.55	21.54	22.7	0.5
20	64QAM	50	50	21.76	21.44	21.57		
20	64QAM	100	0	21.78	21.44	21.57		
20	256QAM	1	0	19.72	19.54	19.59		
20	256QAM	1	49	19.66	19.43	19.51	20.7	2.5
20	256QAM	1	99	19.72	19.43	19.65		
20	256QAM	50	0	19.71	19.41	19.62		
20	256QAM	50	24	19.70	19.44	19.49	20.7	2.5
20	256QAM	50	50	19.74	19.52	19.61		
20	256QAM	100	0	19.76	19.43	19.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.27	22.20	23.2	0
15	QPSK	1	37	22.35	22.11	21.92		
15	QPSK	1	74	22.07	22.06	22.12		
15	QPSK	36	0	22.17	22.23	22.03		
15	QPSK	36	20	22.05	22.04	22.10	23.2	0
15	QPSK	36	39	22.08	21.99	21.98		
15	QPSK	75	0	22.04	21.98	22.13		
15	16QAM	1	0	22.13	21.92	21.94		
15	16QAM	1	37	22.10	21.99	22.04	23.2	0
15	16QAM	1	74	22.12	21.87	22.01		
15	16QAM	36	0	22.17	21.90	21.98		
15	16QAM	36	20	22.11	21.73	21.95	23.2	0
15	16QAM	36	39	22.03	22.06	21.96		
15	16QAM	75	0	22.16	21.87	21.82		
15	64QAM	1	0	22.00	21.78	22.07		
15	64QAM	1	37	22.31	21.88	22.16	23.2	0
15	64QAM	1	74	22.22	21.94	22.01		
15	64QAM	36	0	21.68	21.42	21.34		
15	64QAM	36	20	21.58	21.53	21.35	22.7	0.5
15	64QAM	36	39	21.71	21.39	21.41		
15	64QAM	75	0	21.73	21.27	21.43		
15	256QAM	1	0	19.56	19.47	19.48		
15	256QAM	1	37	19.58	19.27	19.49	20.7	2.5
15	256QAM	1	74	19.67	19.41	19.53		
15	256QAM	36	0	19.61	19.40	19.47		
15	256QAM	36	20	19.58	19.37	19.30	20.7	2.5
15	256QAM	36	39	19.55	19.39	19.53		
15	256QAM	75	0	19.62	19.32	19.51		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	22.22	22.25	21.95	23.2	0
10	QPSK	1	25	22.29	22.15	21.93		
10	QPSK	1	49	22.19	21.92	21.95		
10	QPSK	25	0	22.07	22.24	22.06		
10	QPSK	25	13	22.02	21.87	22.14	23.2	0
10	QPSK	25	25	22.13	22.06	22.10		
10	QPSK	50	0	22.09	22.06	22.01		
10	16QAM	1	0	22.28	22.02	21.97		
10	16QAM	1	25	22.27	21.96	22.04	23.2	0
10	16QAM	1	49	22.05	21.84	22.09		
10	16QAM	25	0	22.11	22.01	21.88		
10	16QAM	25	13	22.00	21.91	22.07	23.2	0
10	16QAM	25	25	22.02	22.07	21.93		
10	16QAM	50	0	22.02	21.83	21.76		
10	64QAM	1	0	22.11	21.76	22.09		
10	64QAM	1	25	22.13	21.93	22.03	23.2	0
10	64QAM	1	49	22.26	21.83	21.94		
10	64QAM	25	0	21.67	21.42	21.39		
10	64QAM	25	12	21.72	21.43	21.36	22.7	0.5
10	64QAM	25	25	21.62	21.39	21.47		
10	64QAM	50	0	21.78	21.35	21.46		
10	256QAM	1	0	19.65	19.48	19.44		
10	256QAM	1	25	19.52	19.42	19.51	20.7	2.5
10	256QAM	1	49	19.62	19.42	19.59		
10	256QAM	25	0	19.53	19.25	19.43		
10	256QAM	25	12	19.56	19.24	19.44	20.7	2.5
10	256QAM	25	25	19.60	19.32	19.56		
10	256QAM	50	0	19.59	19.40	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.36	22.21	22.15	23.2	0
5	QPSK	1	12	22.37	21.99	21.96		
5	QPSK	1	24	22.18	22.03	22.10		
5	QPSK	12	0	22.17	22.22	22.12		
5	QPSK	12	7	22.03	21.92	22.06	23.2	0
5	QPSK	12	13	22.04	21.90	22.11		
5	QPSK	25	0	22.02	21.98	22.08		
5	16QAM	1	0	22.18	21.98	21.85		
5	16QAM	1	12	22.22	22.01	22.04	23.2	0
5	16QAM	1	24	22.05	21.72	21.91		
5	16QAM	12	0	22.09	21.86	21.95		
5	16QAM	12	7	22.13	21.84	22.05	23.2	0
5	16QAM	12	13	22.12	21.91	21.97		
5	16QAM	25	0	22.11	21.93	21.82		
5	64QAM	1	0	22.05	21.87	21.99		
5	64QAM	1	12	22.16	21.85	22.14	23.2	0
5	64QAM	1	24	22.19	21.75	21.92		
5	64QAM	12	0	21.70	21.29	21.33		
5	64QAM	12	7	21.66	21.37	21.54	22.7	0.5
5	64QAM	12	13	21.65	21.40	21.54		
5	64QAM	25	0	21.75	21.27	21.55		
5	256QAM	1	0	19.60	19.43	19.51		
5	256QAM	1	12	19.64	19.38	19.38	20.7	2.5
5	256QAM	1	24	19.61	19.24	19.59		
5	256QAM	12	0	19.66	19.27	19.49		
5	256QAM	12	7	19.65	19.31	19.48	20.7	2.5
5	256QAM	12	13	19.71	19.34	19.45		
5	256QAM	25	0	19.67	19.29	19.50		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.53	22.56	22.55	23.5	0
20	QPSK	1	49	22.45	22.49	22.51		
20	QPSK	1	99	22.50	22.41	22.47		
20	QPSK	50	0	22.50	22.54	22.43		
20	QPSK	50	24	22.47	22.44	22.41	23.5	0
20	QPSK	50	50	22.41	22.43	22.39		
20	QPSK	100	0	22.46	22.52	22.38		
20	16QAM	1	0	22.45	22.40	22.38		
20	16QAM	1	49	22.47	22.43	22.38	23.5	0
20	16QAM	1	99	22.49	22.43	22.47		
20	16QAM	50	0	21.50	21.39	21.37		
20	16QAM	50	24	21.44	21.40	21.39	22.5	1
20	16QAM	50	50	21.51	21.43	21.42		
20	16QAM	100	0	21.47	21.40	21.39		
20	64QAM	1	0	21.20	21.11	21.05		
20	64QAM	1	49	21.18	21.10	21.08	22.5	1
20	64QAM	1	99	21.20	21.12	21.16		
20	64QAM	50	0	20.47	20.37	20.35		
20	64QAM	50	24	20.43	20.38	20.37	21.5	2
20	64QAM	50	50	20.46	20.42	20.43		
20	64QAM	100	0	20.44	20.38	20.36		
20	256QAM	1	0	18.16	18.32	18.21		
20	256QAM	1	49	18.14	18.36	18.05	19.5	4
20	256QAM	1	99	18.00	18.31	18.03		
20	256QAM	50	0	18.12	18.19	18.17		
20	256QAM	50	24	18.01	18.30	18.01	19.5	4
20	256QAM	50	50	18.12	18.12	18.17		
20	256QAM	100	0	18.04	18.22	18.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.53	22.47	22.43	23.5	0
15	QPSK	1	37	22.31	22.38	22.43		
15	QPSK	1	74	22.43	22.41	22.44		
15	QPSK	36	0	22.36	22.35	22.31		
15	QPSK	36	20	22.33	22.36	22.35	23.5	0
15	QPSK	36	39	22.28	22.29	22.35		
15	QPSK	75	0	22.39	22.34	22.26		
15	16QAM	1	0	22.30	22.22	22.22		
15	16QAM	1	37	22.47	22.30	22.37	23.5	0
15	16QAM	1	74	22.44	22.35	22.44		
15	16QAM	36	0	21.40	21.20	21.28		
15	16QAM	36	20	21.32	21.24	21.22	22.5	1
15	16QAM	36	39	21.47	21.33	21.23		
15	16QAM	75	0	21.31	21.29	21.28		
15	64QAM	1	0	21.02	21.08	20.94		
15	64QAM	1	37	21.18	21.06	20.91	22.5	1
15	64QAM	1	74	21.06	21.06	21.11		
15	64QAM	36	0	20.29	20.31	20.24		
15	64QAM	36	20	20.43	20.18	20.25	21.5	2
15	64QAM	36	39	20.31	20.30	20.42		
15	64QAM	75	0	20.41	20.21	20.35		
15	256QAM	1	0	18.05	18.29	18.02		
15	256QAM	1	37	18.05	18.09	18.01	19.5	4
15	256QAM	1	74	17.86	18.31	17.83		
15	256QAM	36	0	18.09	18.10	17.98		
15	256QAM	36	20	17.90	18.19	17.88	19.5	4
15	256QAM	36	39	18.08	17.98	18.15		
15	256QAM	75	0	17.97	18.12	18.01		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	22.44	22.52	22.46	23.5	0
10	QPSK	1	25	22.45	22.36	22.43		
10	QPSK	1	49	22.30	22.39	22.47		
10	QPSK	25	0	22.44	22.49	22.38		
10	QPSK	25	12	22.27	22.40	22.21	23.5	0
10	QPSK	25	25	22.33	22.38	22.38		
10	QPSK	50	0	22.43	22.45	22.33		
10	16QAM	1	0	22.38	22.24	22.27		
10	16QAM	1	25	22.35	22.25	22.31	23.5	0
10	16QAM	1	49	22.40	22.42	22.28		
10	16QAM	25	0	21.40	21.32	21.17		
10	16QAM	25	12	21.34	21.23	21.35	22.5	1
10	16QAM	25	25	21.32	21.40	21.22		
10	16QAM	50	0	21.43	21.37	21.32		
10	64QAM	1	0	21.12	21.02	20.92		
10	64QAM	1	25	21.04	21.06	20.97	22.5	1
10	64QAM	1	49	21.03	21.07	21.11		
10	64QAM	25	0	20.34	20.25	20.25		
10	64QAM	25	12	20.32	20.23	20.31	21.5	2
10	64QAM	25	25	20.30	20.42	20.29		
10	64QAM	50	0	20.25	20.33	20.30		
10	256QAM	1	0	18.01	18.27	18.17		
10	256QAM	1	25	18.11	18.17	18.01	19.5	4
10	256QAM	1	49	17.91	18.19	17.94		
10	256QAM	25	0	17.95	18.12	18.13		
10	256QAM	25	12	17.85	18.14	18.01	19.5	4
10	256QAM	25	25	18.01	17.96	18.09		
10	256QAM	50	0	17.96	18.18	18.12		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.51	22.40	22.47	23.5	0
5	QPSK	1	12	22.41	22.33	22.43		
5	QPSK	1	24	22.39	22.39	22.34		
5	QPSK	12	0	22.41	22.46	22.42		
5	QPSK	12	7	22.29	22.34	22.32	23.5	0
5	QPSK	12	13	22.33	22.38	22.28		
5	QPSK	25	0	22.45	22.41	22.33		
5	16QAM	1	0	22.36	22.27	22.24		
5	16QAM	1	12	22.40	22.41	22.38	23.5	0
5	16QAM	1	24	22.30	22.42	22.37		
5	16QAM	12	0	21.43	21.29	21.26		
5	16QAM	12	7	21.26	21.40	21.32	22.5	1
5	16QAM	12	13	21.44	21.32	21.35		
5	16QAM	25	0	21.47	21.21	21.36		
5	64QAM	1	0	21.13	20.95	20.89		
5	64QAM	1	12	20.98	21.06	20.87	22.5	1
5	64QAM	1	24	21.13	20.99	20.98		
5	64QAM	12	0	20.33	20.36	20.29		
5	64QAM	12	7	20.33	20.26	20.24	21.5	2
5	64QAM	12	13	20.30	20.32	20.29		
5	64QAM	25	0	20.29	20.33	20.18		
5	256QAM	1	0	18.09	18.18	18.15		
5	256QAM	1	12	18.07	18.20	18.02	19.5	4
5	256QAM	1	24	17.83	18.30	17.83		
5	256QAM	12	0	18.00	18.08	17.99		
5	256QAM	12	7	17.84	18.24	17.91	19.5	4
5	256QAM	12	13	17.96	18.08	18.03		
5	256QAM	25	0	17.95	18.22	17.99		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.00	23.20	23.11	23.7	0
20	QPSK	1	49	22.92	23.07	22.96		
20	QPSK	1	99	22.99	22.94	23.04		
20	QPSK	50	0	23.02	23.12	23.00		
20	QPSK	50	24	23.01	23.01	23.04	23.7	0
20	QPSK	50	50	22.88	23.02	22.94		
20	QPSK	100	0	23.05	23.07	22.96		
20	16QAM	1	0	22.87	23.12	22.92		
20	16QAM	1	49	23.10	23.07	22.99	23.7	0
20	16QAM	1	99	22.99	22.95

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.61	22.61	22.64	22.56	22.54	23.5	0
20	QPSK	1	49	22.58	22.56	22.58	22.53	22.42		
20	QPSK	1	99	22.54	22.52	22.62	22.61	22.52		
20	QPSK	50	0	22.56	22.59	22.60	22.61	22.57		
20	QPSK	50	24	22.54	22.57	22.57	22.58	22.54	23.5	0
20	QPSK	50	50	22.53	22.55	22.53	22.51	22.52		
20	QPSK	100	0	22.53	22.58	22.60	22.55	22.55		
20	16QAM	1	0	22.49	22.59	22.68	22.63	22.52		
20	16QAM	1	49	22.54	22.60	22.72	22.66	22.57	23.5	0
20	16QAM	1	99	22.59	22.75	22.77	22.68	22.58		
20	16QAM	50	0	21.77	21.55	21.68	21.67	21.66		
20	16QAM	50	24	21.75	21.59	21.68	21.70	21.78	22.5	1
20	16QAM	50	50	21.84	21.66	21.74	21.69	21.71		
20	16QAM	100	0	21.72	21.60	21.69	21.68	21.76		
20	64QAM	1	0	21.40	21.27	21.38	21.34	21.60		
20	64QAM	1	49	21.44	21.29	21.45	21.37	21.44	22.5	1
20	64QAM	1	99	21.49	21.45	21.45	21.39	21.27		
20	64QAM	50	0	20.63	20.53	20.63	20.63	20.61		
20	64QAM	50	24	20.71	20.57	20.68	20.64	20.73	21.5	2
20	64QAM	50	50	20.80	20.63	20.71	20.65	20.68		
20	64QAM	100	0	20.71	20.56	20.66	20.65	20.74		
20	256QAM	1	0	18.40	18.34	18.58	18.38	18.36		
20	256QAM	1	49	18.52	18.22	18.43	18.35	18.35	19.5	4
20	256QAM	1	99	18.31	18.26	18.58	18.38	18.19		
20	256QAM	50	0	18.34	18.33	18.58	18.21	18.29		
20	256QAM	50	24	18.33	18.20	18.52	18.18	18.25	19.5	4
20	256QAM	50	50	18.27	18.24	18.57	18.21	18.34		
20	256QAM	100	0	18.27	18.24	18.40	18.20	18.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.49	22.49	22.62	22.38	22.54	23.5	0
15	QPSK	1	37	22.51	22.44	22.56	22.50	22.40		
15	QPSK	1	74	22.37	22.48	22.56	22.45	22.49		
15	QPSK	36	0	22.40	22.43	22.51	22.43	22.39		
15	QPSK	36	20	22.43	22.54	22.58	22.38	22.42	23.5	0
15	QPSK	36	39	22.53	22.35	22.46	22.37	22.43		
15	QPSK	75	0	22.40	22.56	22.47	22.49	22.48		
15	16QAM	1	0	22.45	22.43	22.49	22.62	22.41		
15	16QAM	1	37	22.36	22.59	22.66	22.66	22.48	23.5	0
15	16QAM	1	74	22.52	22.56	22.62	22.54	22.42		
15	16QAM	36	0	21.50	21.41	21.59	21.52	21.83		
15	16QAM	36	20	21.61	21.55	21.61	21.57	21.72	22.5	1
15	16QAM	36	39	21.69	21.49	21.59	21.57	21.66		
15	16QAM	75	0	21.68	21.57	21.62	21.55	21.68		
15	64QAM	1	0	21.35	21.25	21.23	21.28	21.51		
15	64QAM	1	37	21.26	21.19	21.37	21.17	21.34	22.5	1
15	64QAM	1	74	21.47	21.27	21.38	21.35	21.08		
15	64QAM	36	0	20.47	20.44	20.54	20.52	20.69		
15	64QAM	36	20	20.70	20.50	20.57	20.49	20.54	21.5	2
15	64QAM	36	39	20.69	20.53	20.64	20.50	20.65		
15	64QAM	75	0	20.63	20.47	20.47	20.49	20.61		
15	256QAM	1	0	18.40	18.20	18.52	18.23	18.20		
15	256QAM	1	37	18.13	18.09	18.31	18.33	18.21	19.5	4
15	256QAM	1	74	18.22	18.25	18.45	18.18	18.19		
15	256QAM	36	0	18.28	18.32	18.47	18.15	18.15		
15	256QAM	36	20	18.32	18.03	18.38	18.15	18.17	19.5	4
15	256QAM	36	39	18.14	18.16	18.37	18.06	18.28		
15	256QAM	75	0	18.17	18.05	18.32	18.07	18.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.52	22.56	22.63	22.42	22.40	23.5	0
10	QPSK	1	25	22.38	22.43	22.44	22.51	22.26		
10	QPSK	1	49	22.40	22.40	22.56	22.34	22.40		
10	QPSK	25	0	22.37	22.58	22.46	22.46	22.48		
10	QPSK	25	12	22.50	22.45	22.46	22.45	22.34	23.5	0
10	QPSK	25	25	22.53	22.51	22.52	22.36	22.36		
10	QPSK	50	0	22.48	22.48	22.47	22.52	22.38		
10	16QAM	1	0	22.38	22.45	22.53	22.49	22.34		
10	16QAM	1	25	22.41	22.58	22.63	22.60	22.43	23.5	0
10	16QAM	1	49	22.39	22.73	22.70	22.67	22.58		
10	16QAM	25	0	21.61	21.52	21.54	21.48	21.60		
10	16QAM	25	12	21.68	21.39	21.50	21.67	21.75	22.5	1
10	16QAM	25	25	21.75	21.55	21.72	21.53	21.67		
10	16QAM	50	0	21.57	21.45	21.53	21.50	21.72		
10	64QAM	1	0	21.23	21.14	21.23	21.27	21.59		
10	64QAM	1	25	21.34	21.23	21.39	21.23	21.42	22.5	1
10	64QAM	1	49	21.36	21.27	21.36	21.22	21.11		
10	64QAM	25	0	20.47	20.53	20.49	20.56	20.65		
10	64QAM	25	12	20.67	20.52	20.49	20.50	20.70	21.5	2
10	64QAM	25	25	20.80	20.56	20.65	20.64	20.67		
10	64QAM	50	0	20.53	20.45	20.58	20.60	20.57		
10	256QAM	1	0	18.24	18.33	18.39	18.20	18.19		
10	256QAM	1	25	18.31	18.15	18.40	18.18	18.23	19.5	4
10	256QAM	1	49	18.19	18.21	18.39	18.21	18.04		
10	256QAM	25	0	18.30	18.17	18.55	18.19	18.18		
10	256QAM	25	12	18.13	18.02	18.36	18.17	18.16	19.5	4
10	256QAM	25	25	18.13	18.09	18.43	18.06	18.17		
10	256QAM	50	0	18.27	18.19	18.52	18.21	18.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.60	22.44	22.62	22.52	22.51	23.5	0
5	QPSK	1	12	22.45	22.36	22.41	22.51	22.35		
5	QPSK	1	24	22.43	22.39	22.66	22.36	22.37		
5	QPSK	12	0	22.38	22.45	22.45	22.52	22.40		
5	QPSK	12	7	22.46	22.46	22.42	22.58	22.41	23.5	0
5	QPSK	12	13	22.36	22.41	22.47	22.35	22.44		
5	QPSK	25	0	22.35	22.55	22.58	22.40	22.43		
5	16QAM	1	0	22.37	22.57	22.66	22.60	22.51		
5	16QAM	1	12	22.34	22.40	22.53	22.65	22.41	23.5	0
5	16QAM	1	24	22.32	22.62	22.60	22.65	22.45		
5	16QAM	12	0	21.63	21.42	21.55	21.59	21.82		
5	16QAM	12	7	21.60	21.50	21.51	21.58	21.72	22.5	1
5	16QAM	12	13	21.79	21.48	21.58	21.52	21.57		
5	16QAM	25	0	21.62	21.47	21.68	21.57	21.57		
5	64QAM	1	0	21.31	21.11	21.34	21.31	21.46		
5	64QAM	1	12	21.27	21.28	21.35	21.27	21.25	22.5	1
5	64QAM	1	24	21.30	21.24	21.40	21.27	21.08		
5	64QAM	12	0	20.56	20.38	20.63	20.50	20.81		
5	64QAM	12	7	20.60	20.55	20.53	20.50	20.68	21.5	2
5	64QAM	12	13	20.76	20.63	20.54	20.60	20.65		
5	64QAM	25	0	20.60	20.56	20.61	20.51	20.62		
5	256QAM	1	0	18.32	18.26	18.48	18.19	18.32		
5	256QAM	1	12	18.15	18.08	18.40	18.31	18.15	19.5	4
5	256QAM	1	24	18.18	18.19	18.50	18.19	18.18		
5	256QAM	12	0	18.28	18.17	18.53	18.13	18.18		
5	256QAM	12	7	18.23	18.01	18.46	18.09	18.20	19.5	4
5	256QAM	12	13	18.24	18.15	18.45	18.15	18.14		
5	256QAM	25	0	18.10	18.06	18.39	18.00	18.21		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.43	22.31	22.46	22.07	22.45	23.2	0
20	QPSK	1	49	22.27	22.13	22.41	21.87	22.39		
20	QPSK	1	99	22.42	22.27	22.24	22.06	22.34		
20	QPSK	50	0	22.34	22.14	22.45	22.01	22.37		
20	QPSK	50	24	22.23	21.94	22.16	21.98	22.36	23.2	0
20	QPSK	50	50	22.25	22.10	22.07	21.88	22.26		
20	QPSK	100	0	22.15	22.07	22.32	21.81	22.31		
20	16QAM	1	0	22.33	22.06	22.22	21.84	22.34		
20	16QAM	1	49	22.15	22.10	22.18	21.97	22.30	23.2	0
20	16QAM	1	99	22.31	22.00	22.15	21.93	22.33		
20	16QAM	50	0	22.27	22.12	22.16	21.84	22.36		
20	16QAM	50	24	22.26	22.13	22.24	21.97	22.31	23.2	0
20	16QAM	50	50	22.15	21.94	22.18	21.90	22.34		
20	16QAM	100	0	22.17	21.99	22.12	21.94	22.30		
20	64QAM	1	0	22.33	22.14	22.09	21.90	22.32		
20	64QAM	1	49	22.22	22.04	22.04	22.00	22.35	23.2	0
20	64QAM	1	99	22.21	22.05	22.20	21.94	22.22		
20	64QAM	50	0	22.26	22.08	22.05	21.89	22.32		
20	64QAM	50	24	22.34	22.06	22.08	21.93	22.26	22.7	0.5
20	64QAM	50	50	22.15	22.14	22.20	21.91	22.28		
20	64QAM	100	0	22.33	22.06	22.24	22.01	22.22		
20	256QAM	1	0	22.27	22.13	22.12	21.94	22.33		
20	256QAM	1	49	22.27	22.02	22.14	21.99	22.31	20.7	2.5
20	256QAM	1	99	22.29	22.05	22.08	21.83	22.36		
20	256QAM	50	0	22.21	21.96	22.13	21.93	22.23		
20	256QAM	50	24	22.25	22.08	22.12	21.88	22.25	20.7	2.5
20	256QAM	50	50	22.21	22.02	22.16	21.86	22.29		
20	256QAM	100	0	22.19	22.11	22.21	21.87	22.33		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.18	22.01	22.23	21.94	22.35	23.2	0
15	QPSK	1	37	22.09	21.88	22.14	21.58	22.12		
15	QPSK	1	74	22.21	22.15	21.95	21.93	22.07		
15	QPSK	36	0	22.07	21.99	22.23	21.94	22.16		
15	QPSK	36	20	21.93	21.82	21.94	21.82	22.16	23.2	0
15	QPSK	36	39	22.11	21.97	21.82	21.75	22.01		
15	QPSK	75	0	22.01	21.88	22.03	21.61	22.06		
15	16QAM	1	0	22.04	21.85	21.99	21.69	22.17		
15	16QAM	1	37	21.98	21.95	22.05	21.85	22.16	23.2	0
15	16QAM	1	74	22.06	21.84	21.92	21.72	22.05		
15	16QAM	36	0	21.99	21.84	21.95	21.72	22.16		
15	16QAM	36	20	21.98	21.89	22.03	21.69	22.07	23.2	0
15	16QAM	36	39	21.94	21.64	21.96	21.80	22.08		
15	16QAM	75	0	22.04	21.69	22.02	21.67	22.19		
15	64QAM	1	0	22.05	22.04	21.91	21.75	22.02		
15	64QAM	1	37	22.12	21.82	21.89	21.89	22.13	23.2	0
15	64QAM	1	74	21.98	21.91	21.93	21.68	21.94		
15	64QAM	36	0	22.09	21.73	21.88	21.73	22.16		
15	64QAM	36	20	22.11	21.95	21.79	21.83	22.06	23.2	0.5
15	64QAM	36	39	21.83	22.02	22.06	21.74	22.07		
15	64QAM	75	0	22.22	21.8	22.00	21.83	21.98		
15	256QAM	1	0	22.03	21.87	21.86	21.76	22.12		
15	256QAM	1	37	22.13	21.82	22.04	21.79	22.02	20.7	2.5
15	256QAM	1	74	21.89	21.89	21.81	21.71	22.11		
15	256QAM	36	0	21.92	21.82	21.89	21.72	21.93		
15	256QAM	36	20	21.95	21.89	21.95	21.62	22.05	20.7	2.5
15	256QAM	36	39	22.02	21.72	21.92	21.67	22.15		
15	256QAM	75	0	22.05	21.91	22.00	21.62	22.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.30	21.54	22.24	21.81	22.34	23.2	0
10	QPSK	1	25	22.12	22.00	22.18	21.64	22.20		
10	QPSK	1	49	22.14	22.01	21.99	21.84	22.22		
10	QPSK	25	0	22.13	21.94	22.17	21.82	22.25		
10	QPSK	25	12	22.11	21.79	21.94	21.75	22.25	23.2	0
10	QPSK	25	25	22.11	21.95	21.96	21.69	22.12		
10	QPSK	50	0	21.87	21.91	22.20	21.57	22.15		
10	16QAM	1	0	22.16	21.89	21.92	21.73	22.09		
10	16QAM	1	25	22.03	21.91	22.00	21.84	22.02	23.2	0
10	16QAM	1	49	22.13	21.86	21.94	21.82	22.05		
10	16QAM	25	0	22.02	21.94	21.87	21.56	22.24		
10	16QAM	25	12	22.00	22.02	22.12	21.85	22.05	23.2	0
10	16QAM	25	25	21.87	21.79	22.06	21.62	22.16		
10	16QAM	50	0	21.96	21.88	21.87	21.69	22.04		
10	64QAM	1	0	22.19	21.90	21.95	21.72	22.08		
10	64QAM	1	25	22.10	21.78	21.96	21.80	22.25	23.2	0
10	64QAM	1	49	22.02	21.78	22.09	21.70	21.98		
10	64QAM	25	0	21.97	21.67	21.81	21.59	22.06		
10	64QAM	25	12	22.23	21.79	21.83	21.77	22.16	22.7	0.5
10	64QAM	25	25	22.04	22.00	22.00	21.79	22.06		
10	64QAM	50	0	22.06	21.94	22.00	21.71	21.94		
10	256QAM	1	0	21.99	21.88	21.94	21.83	22.03		
10	256QAM	1	25	22.00	21.90	21.86	21.69	22.14	20.7	2.5
10	256QAM	1	49	22.02	21.81	21.97	21.63	22.25		
10	256QAM	25	0	21.94	21.75	21.97	21.73	21.95		
10	256QAM	25	12	22.15	21.90	21.94	21.78	22.02	20.7	2.5
10	256QAM	25	25	22.04	21.80	22.06	21.75	22.07		
10	256QAM	50	0	21.88	21.85	22.04	21.76	21.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.16	22.06	22.20	21.80	22.34	23.2	0
5	QPSK	1	12	22.02	21.94	22.17	21.63	22.14		
5	QPSK	1	24	22.27	22.05	22.12	21.80	22.21		
5	QPSK	12	0	22.07	22.00	22.17	21.82	22.24		
5	QPSK	12	7	22.06	21.70	21.94	21.69	22.22	23.2	0
5	QPSK	12	13	21.99	21.91	21.78	21.59	22.07		
5	QPSK	25	0	22.02	21.85	22.04	21.68	22.08		
5	16QAM	1	0	22.10	21.85	22.01	21.73	22.22		
5	16QAM	1	12	21.90	21.92	21.89	21.81	22.12	23.2	0
5	16QAM	1	24	22.26	21.90	21.88	21.69	22.13		
5	16QAM	12	0	22.15	21.85	22.02	21.58	22.24		
5	16QAM	12	7	21.96	21.88	22.03	21.80	22.13	23.2	0
5	16QAM	12	13	21.96	21.76	22.04	21.64	22.05		
5	16QAM	25	0	21.86	21.89	21.97	21.72	22.07		
5	64QAM	1	0	22.17	22.02	21.87	21.66	22.22		
5	64QAM	1	12	21.92	21.82	21.88	21.80	22.15	23.2	0
5	64QAM	1	24	22.27	21.90	21.92	21.72	22.07		
5	64QAM	12	0	21.96	21.80	21.79	21.65	22.15		
5	64QAM	12	7	22.22	21.88	21.91	21.81	21.97	22.7	0.5
5	64QAM	12	13	21.87	21.87	22.09	21.67	22.03		
5	64QAM	25	0	22.07	21.81	21.98	21.80	21.94		
5	256QAM	1	0	22.17	21.98	21.92	21.65	22.16		
5	256QAM	1	12	22.04	21.78	21.99	21.77	22.17	20.7	2.5
5	256QAM	1	24	22.03	21.85	21.80	21.67	22.09		
5	256QAM	12	0	22.02	21.80	21.95	21.79	21.95		
5	256QAM	12	7	22.09	21.85	21.94	21.59	21.99	20.7	2.5
5	256QAM	12	13	21.91	21.91	22.03	21.58	22.05		
5	256QAM	25	0	22.01	21.92	21.97	21.61	22.07		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.58	22.50	22.59	22.48	22.55	23.5	0
20	QPSK	1	49	22.55	22.32	22.44	22.39	22.50		
20	QPSK	1	99	22.47	22.39	22.43	22.43	22.40		
20	QPSK	50	0	22.55	22.30	22.57	22.34	22.40		
20	QPSK	50	24	22.43	22.27	22.34	22.24	22.22	23.5	0
20	QPSK	50	50	22.45	22.29	22.30	22.15	22.28		
20	QPSK	100	0	22.37	22.30	22.39	22.26	22.25		
20	16QAM	1	0	22.36	22.25	22.42	22.34	22.31		
20	16QAM	1	49	22.50	22.10	22.39	22.30	22.24	23.5	0
20	16QAM	1	99	22.48	22.30	22.37	22.17	22.26		
20	16QAM	50	0	21.37	21.22	21.27	21.18	21.33		
20	16QAM	50	24	21.36	21.15	21.34	21.30	21.31	22.5	1
20	16QAM	50	50	21.45	21.15	21.28	21.22	21.23		
20	16QAM	100	0	21.48	21.26	21.28	21.21	21.38		
20	64QAM	1	0	21.45	21.15	21.27	21.27	21.32		
20	64QAM	1	49	21.54	21.17	21.25	21.25	21.31	22.5	1
20	64QAM	1	99	21.49	21.16	21.26	21.19	21.27		
20	64QAM	50	0	20.42	20.23	20.26	20.15	20.34		
20	64QAM	50	24	20.52	20.27	20.38	20.21	20.30	21.5	2
20	64QAM	50	50	20.41	20.21	20.34	20.21	20.32		
20	64QAM	100	0	20.36	20.24	20.38	20.29	20.31		
20	256QAM	1	0	18.40	18.17	18.41	18.21	18.36		
20	256QAM	1	49	18.49	18.19	18.30	18.22	18.27	19.5	4
20	256QAM	1	99	18.50	18.23	18.40	18.28	18.33		
20	256QAM	50	0	18.46	18.23	18.23	18.19	18.29		
20	256QAM	50	24	18.56	18.25	18.30	18.21	18.37	19.5	4
20	256QAM	50	50	18.53	18.15	18.32	18.17	18.21		
20	256QAM	100	0	18.48	18.15	18.34	18.28	18.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.47	22.49	22.28	22.40	23.5	0
15	QPSK	1	37	22.54	22.30	22.36	22.36	22.42		
15	QPSK	1	74	22.30	22.36	22.37	22.33	22.35		
15	QPSK	36	0	22.35	22.29	22.50	22.33	22.32		
15	QPSK	36	20	22.25	22.07	22.18	22.19	22.21	23.5	0
15	QPSK	36	39	22.34	22.19	22.29	22.03	22.20		
15	QPSK	75	0	22.33	22.20	22.30	22.27	22.06		
15	16QAM	1	0	22.32	22.15	22.35	22.30	22.19		
15	16QAM	1	37	22.45	21.99	22.30	22.15	22.14	23.5	0
15	16QAM	1	74	22.43	22.15	22.23	22.14	22.10		
15	16QAM	36	0	21.34	21.09	21.20	21.10	21.27		
15	16QAM	36	20	21.30	20.97	21.24	21.29	21.12	22.5	1
15	16QAM	36	39	21.39	21.08	21.19	21.20	21.09		
15	16QAM	75	0	21.43	21.25	21.27	21.19	21.29		
15	64QAM	1	0	21.31	20.97	21.19	21.21	21.23		
15	64QAM	1	37	21.44	21.09	21.14	21.05	21.26	22.5	1
15	64QAM	1	74	21.36	21.14	21.08	21.05

Reduced Power for DSI 3

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.15	33.09	**34.00**	23.98	24.15	24.09	**25.00**
GPRS 1 Tx slot	33.02	33.17	33.12	**34.00**	24.02	24.17	24.12	**25.00**
GPRS 2 Tx slots	29.81	30.16	30.11	**31.00**	23.81	24.16	24.11	**25.00**
GPRS 3 Tx slots	28.00	28.32	28.33	**29.20**	23.74	24.06	24.07	**24.94**
GPRS 4 Tx slots	26.60	27.15	26.95	**28.00**	23.60	24.15	23.95	**25.00**
EDGE 1 Tx slot	27.21	27.12	27.28	**28.00**	18.21	18.12	18.28	**19.00**
EDGE 2 Tx slots	24.15	24.18	24.46	**25.00**	18.15	18.18	18.46	**19.00**
EDGE 3 Tx slots	22.44	22.35	22.30	**23.20**	18.18	18.09	18.04	**18.94**
EDGE 4 Tx slots	21.03	21.12	21.09	**22.00**	18.03	18.12	18.09	**19.00**

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.32	32.43	32.35	**33.50**	23.32	23.43	23.35	**24.50**
GPRS 1 Tx slot	32.37	32.46	32.41	**33.50**	23.37	23.46	23.41	**24.50**
GPRS 2 Tx slots	29.15	29.51	29.41	**30.50**	23.15	23.51	23.41	**24.50**
GPRS 3 Tx slots	27.38	27.71	27.63	**28.70**	23.12	23.45	23.37	**24.44**
GPRS 4 Tx slots	26.02	26.60	26.24	**27.50**	23.02	23.60	23.24	**24.50**
EDGE 1 Tx slot	26.48	26.79	26.38	**27.50**	17.48	17.79	17.38	**18.50**
EDGE 2 Tx slots	23.52	23.56	23.79	**24.50**	17.52	17.56	17.79	**18.50**
EDGE 3 Tx slots	21.71	21.70	21.59	**22.70**	17.45	17.44	17.33	**18.44**
EDGE 4 Tx slots	20.37	20.34	20.26	**21.50**	17.37	17.34	17.26	**18.50**

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.06	29.09	28.95	**30.00**	20.06	20.09	19.95	**21.00**
GPRS 1 Tx slot	29.07	29.11	29.03	**30.00**	20.07	20.11	20.03	**21.00**
GPRS 2 Tx slots	26.32	26.05	26.15	**27.00**	20.32	20.05	20.15	**21.00**
GPRS 3 Tx slots	24.51	24.24	24.27	**25.20**	20.25	19.98	20.01	**20.94**
GPRS 4 Tx slots	22.98	23.05	22.92	**24.00**	19.98	20.05	19.92	**21.00**
EDGE 1 Tx slot	25.34	25.21	25.48	**26.00**	16.34	16.21	16.48	**17.00**
EDGE 2 Tx slots	22.04	22.25	22.21	**23.00**	16.04	16.25	16.21	**17.00**
EDGE 3 Tx slots	19.92	19.94	20.11	**21.20**	15.66	15.68	15.85	**16.94**
EDGE 4 Tx slots	18.25	18.31	18.52	**20.00**	15.25	15.31	15.52	**17.00**

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.18	30.20	30.13	**31.00**	21.18	21.20	21.13	**22.00**
GPRS 1 Tx slot	30.19	30.22	30.16	**31.00**	21.19	21.22	21.16	**22.00**
GPRS 2 Tx slots	27.51	27.44	27.45	**28.00**	21.51	21.44	21.45	**22.00**
GPRS 3 Tx slots	25.73	25.51	25.70	**26.20**	21.47	21.25	21.44	**21.94**
GPRS 4 Tx slots	24.30	24.36	24.35	**25.00**	21.30	21.36	21.35	**22.00**
EDGE 1 Tx slot	26.61	26.70	26.88	**27.00**	17.61	17.70	17.88	**18.00**
EDGE 2 Tx slots	23.45	23.74	23.59	**24.00**	17.45	17.74	17.59	**18.00**
EDGE 3 Tx slots	21.24	21.59	21.47	**22.20**	16.98	17.33	17.21	**17.94**
EDGE 4 Tx slots	19.65	19.74	19.88	**21.00**	16.65	16.74	16.88	**18.00**

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.00	23.05	23.01	24.50	24.15	24.20	24.09	25.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.12	23.05	24.50	24.52	24.59	24.54	25.00
3GPP Rel 6	HSDPA Subtest-1	22.17	22.31	22.27	23.50	23.60	23.73	23.62	24.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.33	22.28	23.50	23.51	23.71	23.60	24.00
3GPP Rel 6	HSDPA Subtest-3	21.71	21.83	21.77	23.00	23.11	23.24	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.88	21.76	23.00	23.14	23.21	23.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.30	22.32	22.24	23.50	23.41	23.51	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.20	22.30	22.15	23.50	23.55	23.55	23.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.57	21.77	21.63	23.00	23.05	23.12	23.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.51	21.71	21.58	23.00	23.07	23.11	22.97	23.50
3GPP Rel 6	HSUPA Subtest-1	22.12	22.15	22.09	23.50	23.08	23.16	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	22.04	22.08	22.02	23.50	23.05	23.12	22.97	24.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.65	21.57	23.00	22.67	22.73	22.66	23.50
3GPP Rel 6	HSUPA Subtest-4	22.03	22.12	22.07	23.50	23.12	23.20	23.08	24.00
3GPP Rel 6	HSUPA Subtest-5	21.10	21.21	22.06	22.50	22.10	22.16	22.14	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.28	20.20	21.50	21.11	21.15	21.08	22.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.00	23.01	24.50	24.23	24.25	24.26	25.00
3GPP Rel 99	RMC 12.2Kbps	23.04	23.11	23.05	24.50	24.60	24.67	24.52	25.00
3GPP Rel 6	HSDPA Subtest-1	22.22	22.35	22.28	23.50	23.66	23.78	23.70	24.00
3GPP Rel 6	HSDPA Subtest-2	22.19	22.34	22.24	23.50	23.68	23.71	23.64	24.00
3GPP Rel 6	HSDPA Subtest-3	21.81	21.84	21.77	23.00	23.14	23.24	23.21	23.50
3GPP Rel 6	HSDPA Subtest-4	21.67	21.81	21.74	23.00	23.20	23.21	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.11	22.30	22.10	23.50	23.59	23.67	23.56	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.21	22.24	22.04	23.50	23.56	23.62	23.42	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.77	21.78	21.76	23.00	23.06	23.12	23.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.55	21.74	21.68	23.00	23.02	23.11	23.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.13	22.18	22.09	23.50	23.31	23.37	23.29	24.00
3GPP Rel 6	HSUPA Subtest-2	22.06	22.12	22.08	23.50	23.24	23.32	23.30	24.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.70	21.62	23.00	22.78	22.89	22.80	23.50
3GPP Rel 6	HSUPA Subtest-4	22.05	22.16	22.14	23.50	23.25	23.31	23.29	24.00
3GPP Rel 6	HSUPA Subtest-5	21.03	21.15	21.10	22.50	22.21	22.29	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.22	20.33	20.25	21.50	21.25	21.31	21.22	22.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.30	24.32	25.00	23.33	23.36	23.34	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.40	24.35	25.00	23.48	23.56	23.54	25.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.31	23.47	24.00	22.34	22.44	22.56	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.29	23.42	24.00	22.31	22.39	22.58	24.00
3GPP Rel 6	HSDPA Subtest-3	22.79	22.80	22.97	23.50	21.80	21.93	22.07	23.50
3GPP Rel 6	HSDPA Subtest-4	22.51	22.83	22.90	23.50	21.84	21.87	22.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.42	23.39	24.00	22.42	22.55	22.41	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.38	23.34	24.00	22.53	22.54	22.47	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.81	22.68	23.50	21.94	22.08	22.01	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.84	22.88	22.77	23.50	21.99	22.05	21.98	23.50
3GPP Rel 6	HSUPA Subtest-1	23.28	23.36	23.33	24.00	22.54	22.63	22.55	24.00
3GPP Rel 6	HSUPA Subtest-2	23.24	23.32	23.29	24.00	22.56	22.61	22.59	24.00
3GPP Rel 6	HSUPA Subtest-3	22.80	22.87	22.81	23.50	21.91	22.04	22.01	23.50
3GPP Rel 6	HSUPA Subtest-4	23.22	23.25	23.21	24.00	22.55	22.59	22.57	24.00
3GPP Rel 6	HSUPA Subtest-5	22.19	22.29	22.24	23.00	21.70	21.89	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.31	21.23	22.00	20.77	21.05	20.96	22.00

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.88	23.96	23.95		
20	QPSK	1	49	23.82	23.93	23.92	25	0
20	QPSK	1	99	23.82	23.85	23.93		
20	QPSK	50	0	22.86	22.94	22.91		
20	QPSK	50	24	22.83	22.92	22.90	24	1
20	QPSK	50	50	22.85	22.86	22.83		
20	QPSK	100	0	22.82	22.92	22.90		
20	16QAM	1	0	23.08	23.11	23.19		
20	16QAM	1	49	23.05	23.14	23.08	24	1
20	16QAM	1	99	22.98	23.06	23.07		
20	16QAM	50	0	21.67	21.94	21.88		
20	16QAM	50	24	21.80	21.92	21.90	23	2
20	16QAM	50	50	21.80	21.85	21.83		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.99	22.03	22.07		
20	64QAM	1	49	21.94	22.04	22.01	23	2
20	64QAM	1	99	21.94	21.97	21.98		
20	64QAM	50	0	20.70	20.95	20.90		
20	64QAM	50	24	20.85	20.89	20.88	22	3
20	64QAM	50	50	20.86	20.88	20.83		
20	64QAM	100	0	20.85	20.91	20.92		
20	256QAM	1	0	18.69	18.61	18.58		
20	256QAM	1	49	18.52	18.62	18.58	20	5
20	256QAM	1	99	18.50	18.55	18.46		
20	256QAM	50	0	18.56	18.56	18.48		
20	256QAM	50	24	18.63	18.55	18.69	20	5
20	256QAM	50	50	18.51	18.48	18.51		
20	256QAM	100	0	18.49	18.52	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.80	23.89	23.87		
15	QPSK	1	37	23.79	23.90	23.83	25	0
15	QPSK	1	74	23.78	23.81	23.90		
15	QPSK	36	0	22.79	22.92	22.86		
15	QPSK	36	20	22.81	22.88	22.81	24	1
15	QPSK	36	39	22.73	22.81	22.81		
15	QPSK	75	0	22.74	22.84	22.82		
15	16QAM	1	0	22.92	23.00	23.14		
15	16QAM	1	37	23.00	23.07	23.01	24	1
15	16QAM	1	74	22.96	22.99	23.03		
15	16QAM	36	0	21.65	21.93	21.83		
15	16QAM	36	20	21.75	21.84	21.87	23	2
15	16QAM	36	39	21.64	21.94	21.90		
15	16QAM	75	0	21.74	21.75	21.75		
15	64QAM	1	0	21.96	21.91	22.01		
15	64QAM	1	37	21.86	21.96	21.96	23	2
15	64QAM	1	74	21.87	21.90	21.94		
15	64QAM	36	0	20.59	20.94	20.80		
15	64QAM	36	20	20.80	20.87	20.80	22	3
15	64QAM	36	39	20.80	20.80	20.76		
15	64QAM	75	0	20.82	20.79	20.91		
15	256QAM	1	0	18.58	18.59	18.56		
15	256QAM	1	37	18.46	18.52	18.55	20	5
15	256QAM	1	74	18.44	18.50	18.34		
15	256QAM	36	0	18.48	18.41	18.44		
15	256QAM	36	20	18.57	18.46	18.68	20	5
15	256QAM	36	39	18.45	18.40	18.41		
15	256QAM	75	0	18.41	18.50	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.80	23.84	23.88		
10	QPSK	1	25	23.80	23.83	23.91	25	0
10	QPSK	1	49	23.81	23.80	23.86		
10	QPSK	25	0	22.76	22.91	22.87		
10	QPSK	25	12	22.79	22.88	22.85	24	1
10	QPSK	25	25	22.79	22.77	22.77		
10	QPSK	50	0	22.76	22.82	22.85		
10	16QAM	1	0	22.96	23.00	23.07		
10	16QAM	1	25	23.02	23.02	22.96	24	1
10	16QAM	1	49	22.86	23.02	22.99		
10	16QAM	25	0	21.58	21.82	21.86		
10	16QAM	25	12	21.70	21.88	21.86	23	2
10	16QAM	25	25	21.78	21.77	21.78		
10	16QAM	50	0	21.77	21.81	21.80		
10	64QAM	1	0	21.87	21.92	22.02		
10	64QAM	1	25	21.85	21.92	21.90	23	2
10	64QAM	1	49	21.91	21.91	21.92		
10	64QAM	25	0	20.59	20.83	20.89		
10	64QAM	25	12	20.81	20.77	20.86	22	3
10	64QAM	25	25	20.81	20.76	20.80		
10	64QAM	50	0	20.81	20.90	20.84		
10	256QAM	1	0	18.59	18.56	18.48		
10	256QAM	1	25	18.50	18.53	18.56	20	5
10	256QAM	1	49	18.54	18.47	18.39		
10	256QAM	25	0	18.54	18.48	18.34		
10	256QAM	25	12	18.60	18.48	18.83	20	5
10	256QAM	25	25	18.42	18.41	18.43		
10	256QAM	50	0	18.46	18.48	18.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.94	23.91		
5	QPSK	1	12	23.72	23.84	23.87	25	0
5	QPSK	1	24	23.75	23.78	23.89		
5	QPSK	12	0	22.78	22.90	22.84		
5	QPSK	12	7	22.82	22.81	22.81	24	1
5	QPSK	12	13	22.77	22.78	22.81		
5	QPSK	25	0	22.74	22.87	22.81		
5	16QAM	1	0	22.98	23.06	23.10		
5	16QAM	1	12	23.03	23.06	22.97	24	1
5	16QAM	1	24	22.95	23.02	22.95		
5	16QAM	12	0	21.62	21.85	21.81		
5	16QAM	12	7	21.72	21.87	21.89	23	2
5	16QAM	12	13	21.78	21.73	21.72		
5	16QAM	25	0	21.74	21.77	21.85		
5	64QAM	1	0	21.95	21.91	21.95		
5	64QAM	1	12	21.90	22.00	22.00	23	2
5	64QAM	1	24	21.80	21.88	21.93		
5	64QAM	12	0	20.58	20.86	20.86		
5	64QAM	12	7	20.84	20.88	20.76	22	3
5	64QAM	12	13	20.76	20.82	20.79		
5	64QAM	25	0	20.74	20.82	20.91		
5	256QAM	1	0	18.66	18.55	18.50		
5	256QAM	1	12	18.47	18.51	18.55	20	5
5	256QAM	1	24	18.50	18.47	18.34		
5	256QAM	12	0	18.55	18.52	18.45		
5	256QAM	12	7	18.59	18.48	18.67	20	5
5	256QAM	12	13	18.50	18.37	18.39		
5	256QAM	25	0	18.45	18.47	18.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.86	23.94	23.85		
3	QPSK	1	8	23.76	23.82	23.89	25	0
3	QPSK	1	14	23.78	23.78	23.87		
3	QPSK	8	0	22.76	22.92	22.90		
3	QPSK	8	4	22.81	22.83	22.84	24	1
3	QPSK	8	7	22.76	22.82	22.77		
3	QPSK	15	0	22.75	22.81	22.83		
3	16QAM	1	0	23.03	23.05	23.07		
3	16QAM	1	8	22.97	23.04	22.96	24	1
3	16QAM	1	14	22.97	22.97	22.98		
3	16QAM	8	0	21.82	21.82	21.77		
3	16QAM	8	4	21.75	21.90	21.81	23	2
3	16QAM	8	7	21.84	21.81	21.74		
3	16QAM	15	0	21.79	21.80	21.85		
3	64QAM	1	0	21.88	21.94	21.98		
3	64QAM	1	8	21.93	21.82	21.92	23	2
3	64QAM	1	14	21.90	21.87	21.96		
3	64QAM	8	0	20.66	20.88	20.83		
3	64QAM	8	4	20.80	20.87	20.82	22	3
3	64QAM	8	7	20.75	20.85	20.74		
3	64QAM	15	0	20.76	20.80	20.90		
3	256QAM	1	0	18.59	18.59	18.47		
3	256QAM	1	8	18.46	18.55	18.48	20	5
3	256QAM	1	14	18.46	18.36	18.34		
3	256QAM	8	0	18.53	18.48	18.42		
3	256QAM	8	4	18.62	18.51	18.66	20	5
3	256QAM	8	7	18.42	18.43	18.49		
3	256QAM	15	0	18.39	18.43	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.79	23.85	23.83		
1.4	QPSK	1	3	23.81	23.83	23.83		
1.4	QPSK	1	5	23.71	23.81	23.86	25	0
1.4	QPSK	3	0	23.69	23.79	23.80		
1.4	QPSK	3	1	23.69	23.76	23.76		
1.4	QPSK	3	3	23.61	23.74	23.85		
1.4	QPSK	6	0	22.61	22.82	22.86	24	1
1.4	16QAM	1	0	23.07	23.07	23.14		
1.4	16QAM	1	3	22.93	23.02	23.07		
1.4	16QAM	1	5	22.95	23.00	23.04	24	1
1.4	16QAM	3	0	22.96	23.01	23.13		
1.4	16QAM	3	1	22.92	22.93	23.02		
1.4	16QAM	3	3	22.88	22.97	22.95		
1.4	16QAM	6	0	21.77	21.80	21.77	23	2
1.4	64QAM	1	0	21.94	21.92	22.03		
1.4	64QAM	1	3	21.86	21.97	21.91		
1.4	64QAM	1	5	21.91	21.90	21.92	23	2
1.4	64QAM	3	0	21.93	21.84	21.99		
1.4	64QAM	3	1	21.80	21.95	21.93		
1.4	64QAM	3	3	21.87	21.85	21.90		
1.4	64QAM	6	0	20.84	20.90	20.83	22	3
1.4	256QAM	1	0	18.67	18.54	18.52		
1.4	256QAM	1	3	18.48	18.56	18.54		
1.4	256QAM	1	5	18.46	18.47	18.42	20	5
1.4	256QAM	3	0	18.53	18.47	18.43		
1.4	256QAM	3	1	18.54	18.44	18.64		
1.4	256QAM	3	3	18.49	18.37	18.48		
1.4	256QAM	6	0	18.48	18.44	18.60	20	5

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62		
20	QPSK	1	49	23.53	23.60	23.59	24.5	0
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.63	22.56		
20	QPSK	50	24	22.56	22.56	22.52	23.5	1
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.86	22.81	22.84		
20	16QAM	1	49	22.74	22.83	22.71	23.5	1
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53		
20	16QAM	50	24	21.49	21.52	21.55	22.5	2
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71		
20	64QAM	1	49	21.58	21.67	21.61	22.5	2
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.66	20.57		
20	64QAM	50	24	20.51	20.57	20.61	21.5	3
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.57	18.49		
20	256QAM	1	49	18.46	18.46	18.41	19.5	5
20	256QAM	1	99	18.40	18.45	18.47		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.43	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51		
15	QPSK	1	37	23.43	23.55	23.47	24.5	0
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.50	22.62	22.52		
15	QPSK	36	20	22.48	22.49	22.48	23.5	1
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72		
15	16QAM	1	37	22.69	22.82	22.68	23.5	1
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52		
15	16QAM	36	20	21.45	21.42	21.48	22.5	2
15	16QAM	36	39	21.42	21.49	21.50		
15	16QAM	75	0	21.39	21.50	21.43		
15	64QAM	1	0	21.51	21.61	21.69		
15	64QAM	1	37	21.46	21.64	21.53	22.5	2
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48		
15	64QAM	36	20	20.48	20.53	20.57	21.5	3
15	64QAM	36	39	20.54	20.46	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38		
15	256QAM	1	37	18.41	18.36	18.37	19.5	5
15	256QAM	1	74	18.35	18.36	18.43		
15	256QAM	36	0	18.47	18.40	18.57		
15	256QAM	36	20	18.62	18.55	18.50	19.5	5
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.34	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.45	23.63	23.58		
10	QPSK	1	25	23.45	23.54	23.53	24.5	0
10	QPSK	1	49	23.38	23.50	23.48		
10	QPSK	25	0	22.42	22.46	22.47		
10	QPSK	25	12	22.45	22.47	22.44	23.5	1
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.48	22.48		
10	16QAM	1	0	22.82	22.71	22.73		
10	16QAM	1	25	22.64	22.82	22.70	23.5	1
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.81	21.50		
10	16QAM	25	12	21.47	21.45	21.48	22.5	2
10	16QAM	25	25	21.47	21.46	21.46		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.82		
10	64QAM	1	25	21.53	21.62	21.56	22.5	2
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54		
10	64QAM	25	12	20.50	20.53	20.53	21.5	3
10	64QAM	25	25	20.56	20.46	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.50	18.45		
10	256QAM	1	25	18.36	18.37	18.37	19.5	5
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.48	18.46	18.41		
Channel				18625	18905	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.49	23.55	23.57		
5	QPSK	1	12	23.47	23.52	23.56	24.5	0
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.52	22.53		
5	QPSK	12	7	22.49	22.50	22.43	23.5	1
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.59	22.58		
5	16QAM	1	0	22.79	22.77	22.77		
5	16QAM	1	12	22.71	22.77	22.70	23.5	1
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.64	21.47		
5	16QAM	12	7	21.41	21.47	21.43	22.5	2
5	16QAM	12	13	21.47	21.53	21.41		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59		
5	64QAM	1	12	21.55	21.66	21.55	22.5	2
5	64QAM	1	24	21.41	21.46	21.62		
5	64QAM	12	0	20.31	20.64	20.55		
5	64QAM	12	7	20.43	20.51	20.58	21.5	3
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.46	18.43		
5	256QAM	1	12	18.41	18.44	18.34	19.5	5
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.30	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18905	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57		
3	QPSK	1	8	23.49	23.50	23.54	24.5	0
3	QPSK	1	14	23.43	23.46	23.52		
3	QPSK	8	0	22.45	22.60	22.44		
3	QPSK	8	4	22.46	22.54	22.45	23.5	1
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.48	22.54	22.53		
3	16QAM	1	0	22.78	22.78	22.80		
3	16QAM	1	8	22.63	22.76	22.61	23.5	1
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.62	21.41		
3	16QAM	8	4	21.37	21.40	21.53	22.5	2
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.61	21.66		
3	64QAM	1	8	21.58	21.63	21.57	22.5	2
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48		
3	64QAM	8	4	20.40	20.49	20.49	21.5	3
3	64QAM	8	7	20.40	20.46	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46		
3	256QAM	1	8	18.43	18.35	18.40	19.5	5
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.38	18.49		
3	256QAM	15	0	18.48	18.38	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53		
1.4	QPSK	1	3	23.51	23.56	23.58		
1.4	QPSK	1	5	23.39	23.41	23.59	24.5	0
1.4	QPSK	3	0	23.52	23.45	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.38	23.49		
1.4	QPSK	6	0	22.46	22.56	22.61	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82		
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75	23.5	1
1.4	16QAM	3	0	22.83	22.65	22.73		
1.4	16QAM	3	1	22.62	22.65	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.39	21.47	22.5	2
1.4	64QAM	1	0	21.59	21.54	21.60		
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56	22.5	2
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.52	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42		
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43	19.5	5
1.4	256QAM	3	0	18.48	18.49	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.39	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.46	23.55	23.52		
20	QPSK	1	49	23.42	23.52	23.50	25	0
20	QPSK	1	99	23.44	23.52	23.49		
20	QPSK	50	0	22.51	22.61	22.53		
20	QPSK	50	24	22.52	22.57	22.52	24	1
20	QPSK	50	50	22.47	22.58	22.48		
20	QPSK	100	0	22.45	22.62	22.61		
20	16QAM	1	0	22.63	22.77	22.82		
20	16QAM	1	49	22.64	22.78	22.81	24	1
20	16QAM	1	99	22.63	22.76	22.75		
20	16QAM	50	0	21.29	21.59	21.63		
20	16QAM	50	24	21.44	21.57	21.60	23	2
20	16QAM

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.86	22.96	22.90	24.5	0
20	QPSK	1	49	22.78	22.86	22.81		
20	QPSK	1	99	22.84	22.84	22.86		
20	QPSK	50	0	21.87	22.15	22.13	23.5	1
20	QPSK	50	24	21.86	22.06	22.08		
20	QPSK	50	50	21.86	22.00	22.10		
20	QPSK	100	0	21.86	22.00	21.98		
20	16QAM	1	0	22.00	22.15	22.27	23.5	1
20	16QAM	1	49	22.06	22.20	22.31		
20	16QAM	1	99	22.04	22.21	22.22		
20	16QAM	50	0	20.66	21.04	21.07	22.5	2
20	16QAM	50	24	20.84	21.02	21.10		
20	16QAM	50	50	20.83	20.99	21.15		
20	16QAM	100	0	20.81	20.99	21.09		
20	64QAM	1	0	20.88	21.03	21.18	22.5	2
20	64QAM	1	49	20.95	21.10	21.21		
20	64QAM	1	99	20.90	21.09	21.12		
20	64QAM	50	0	19.67	20.00	20.09	21.5	3
20	64QAM	50	24	19.85	19.96	20.06		
20	64QAM	50	50	19.85	20.00	20.12		
20	64QAM	100	0	19.83	20.00	20.08		
20	256QAM	1	0	18.50	18.54	18.47	19.5	5
20	256QAM	1	49	18.45	18.55	18.47		
20	256QAM	1	99	18.32	18.38	18.34		
20	256QAM	50	0	18.03	18.35	18.46	19.5	5
20	256QAM	50	24	18.41	18.45	18.38		
20	256QAM	50	50	18.42	18.44	18.34		
20	256QAM	100	0	18.20	18.32	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.90	22.79	24.5	0
15	QPSK	1	37	22.74	22.82	22.81		
15	QPSK	1	74	22.73	22.75	22.75		
15	QPSK	36	0	21.75	22.10	22.02	23.5	1
15	QPSK	36	20	21.78	21.89	22.07		
15	QPSK	36	39	21.77	21.92	21.99		
15	QPSK	75	0	21.75	21.92	21.95		
15	16QAM	1	0	21.89	22.08	22.20	23.5	1
15	16QAM	1	37	22.03	22.08	22.21		
15	16QAM	1	74	22.02	22.12	22.16		
15	16QAM	36	0	20.57	20.92	20.99	22.5	2
15	16QAM	36	20	20.80	21.00	20.99		
15	16QAM	36	39	20.80	21.00	21.04		
15	16QAM	75	0	20.74	20.89	21.04		
15	64QAM	1	0	20.85	20.94	21.17	22.5	2
15	64QAM	1	37	20.91	21.05	21.16		
15	64QAM	1	74	20.88	21.04	21.03		
15	64QAM	36	0	19.62	19.91	20.06	21.5	3
15	64QAM	36	20	19.84	19.86	19.95		
15	64QAM	36	39	19.79	19.96	20.09		
15	64QAM	75	0	19.80	19.96	20.02		
15	256QAM	1	0	18.39	18.53	18.41	19.5	5
15	256QAM	1	37	18.43	18.50	18.39		
15	256QAM	1	74	18.26	18.26	18.22		
15	256QAM	36	0	18.49	18.51	18.38	19.5	5
15	256QAM	36	20	18.33	18.36	18.33		
15	256QAM	36	39	18.39	18.38	18.33		
15	256QAM	75	0	18.14	18.30	18.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.82	22.94	22.82	24.5	0
10	QPSK	1	25	22.70	22.80	22.73		
10	QPSK	1	49	22.77	22.76	22.76		
10	QPSK	25	0	21.80	22.13	22.03	23.5	1
10	QPSK	25	12	21.80	21.96	22.04		
10	QPSK	25	25	21.85	21.91	21.99		
10	QPSK	50	0	21.76	21.88	21.88		
10	16QAM	1	0	21.96	22.19	22.30	23.5	1
10	16QAM	1	25	21.97	22.09	22.30		
10	16QAM	1	49	21.98	22.14	22.17		
10	16QAM	25	0	20.83	20.98	21.04	22.5	2
10	16QAM	25	12	20.83	20.95	21.03		
10	16QAM	25	25	20.73	20.93	21.04		
10	16QAM	50	0	20.76	20.95	21.06		
10	64QAM	1	0	20.84	20.98	21.16	22.5	2
10	64QAM	1	25	20.93	21.07	21.11		
10	64QAM	1	49	20.87	20.97	21.01		
10	64QAM	25	0	19.56	19.89	19.99	21.5	3
10	64QAM	25	12	19.73	19.95	19.99		
10	64QAM	25	25	19.75	19.91	20.05		
10	64QAM	50	0	19.82	19.88	20.02		
10	256QAM	1	0	18.46	18.52	18.35	19.5	5
10	256QAM	1	25	18.37	18.45	18.43		
10	256QAM	1	49	18.25	18.31	18.25		
10	256QAM	25	0	18.49	18.52	18.44	19.5	5
10	256QAM	25	12	18.38	18.34	18.26		
10	256QAM	25	25	18.38	18.36	18.29		
10	256QAM	50	0	18.09	18.22	18.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.75	22.95	22.82	24.5	0
5	QPSK	1	12	22.67	22.75	22.70		
5	QPSK	1	24	22.73	22.75	22.75		
5	QPSK	12	0	21.76	22.06	22.07	23.5	1
5	QPSK	12	7	21.77	22.00	22.04		
5	QPSK	12	13	21.74	21.94	22.01		
5	QPSK	25	0	21.75	21.92	21.97		
5	16QAM	1	0	21.87	22.07	22.23	23.5	1
5	16QAM	1	12	22.04	22.11	22.28		
5	16QAM	1	24	21.93	22.15	22.19		
5	16QAM	12	0	20.59	21.01	21.03	22.5	2
5	16QAM	12	7	20.74	20.93	21.08		
5	16QAM	12	13	20.75	20.94	21.08		
5	16QAM	25	0	20.80	20.97	21.01		
5	64QAM	1	0	20.83	20.95	21.13	22.5	2
5	64QAM	1	12	21.00	21.08	21.20		
5	64QAM	1	24	20.84	21.06	21.04		
5	64QAM	12	0	19.65	19.99	19.97	21.5	3
5	64QAM	12	7	19.83	19.93	20.02		
5	64QAM	12	13	19.77	19.88	20.01		
5	64QAM	25	0	19.72	19.92	19.96		
5	256QAM	1	0	18.46	18.44	18.43	19.5	5
5	256QAM	1	12	18.42	18.44	18.43		
5	256QAM	1	24	18.22	18.30	18.30		
5	256QAM	12	0	18.51	18.53	18.35	19.5	5
5	256QAM	12	7	18.29	18.33	18.30		
5	256QAM	12	13	18.39	18.36	18.23		
5	256QAM	25	0	18.28	18.28	18.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.86	22.86	24.5	0
3	QPSK	1	8	22.77	22.78	22.74		
3	QPSK	1	14	22.83	22.77	22.80		
3	QPSK	8	0	21.77	22.12	22.07	23.5	1
3	QPSK	8	4	21.74	21.95	21.98		
3	QPSK	8	7	21.75	21.95	22.04		
3	QPSK	15	0	21.74	21.90	21.87		
3	16QAM	1	0	21.88	22.09	22.22	23.5	1
3	16QAM	1	8	22.00	22.16	22.19		
3	16QAM	1	14	21.93	22.14	22.13		
3	16QAM	8	0	20.60	21.01	21.04	22.5	2
3	16QAM	8	4	20.78	20.90	21.01		
3	16QAM	8	7	20.74	20.97	21.13		
3	16QAM	15	0	20.70	20.95	21.00		
3	64QAM	1	0	20.77	20.94	21.17	22.5	2
3	64QAM	1	8	20.86	21.08	21.12		
3	64QAM	1	14	20.85	20.98	21.02		
3	64QAM	8	0	19.56	19.89	20.06	21.5	3
3	64QAM	8	4	19.79	19.95	20.02		
3	64QAM	8	7	19.83	19.91	20.03		
3	64QAM	15	0	19.79	19.93	20.00		
3	256QAM	1	0	18.49	18.44	18.46	19.5	5
3	256QAM	1	8	18.44	18.53	18.36		
3	256QAM	1	14	18.26	18.33	18.32		
3	256QAM	8	0	18.44	18.53	18.38	19.5	5
3	256QAM	8	4	18.34	18.39	18.35		
3	256QAM	8	7	18.34	18.39	18.23		
3	256QAM	15	0	18.17	18.22	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.75	22.89	22.82	24.5	0
1.4	QPSK	1	3	22.71	22.81	22.75		
1.4	QPSK	1	5	22.80	22.74	22.76		
1.4	QPSK	3	0	22.70	22.80	22.75		
1.4	QPSK	3	1	22.69	22.75	22.74		
1.4	QPSK	3	3	22.75	22.62	22.67		
1.4	QPSK	6	0	21.77	21.94	21.95	23.5	1
1.4	16QAM	1	0	21.96	22.06	22.22	23.5	1
1.4	16QAM	1	3	22.01	22.16	22.26		
1.4	16QAM	1	5	21.99	22.11	22.13		
1.4	16QAM	3	0	21.87	22.05	22.13		
1.4	16QAM	3	1	21.96	22.05	22.18		
1.4	16QAM	3	3	21.93	22.00	22.07		
1.4	16QAM	6	0	20.70	20.92	21.05	22.5	2
1.4	64QAM	1	0	20.76	20.91	21.10	22.5	2
1.4	64QAM	1	3	20.85	21.09	21.18		
1.4	64QAM	1	5	20.83	21.02	21.02		
1.4	64QAM	3	0	20.76	20.85	21.08		
1.4	64QAM	3	1	20.73	20.97	21.10		
1.4	64QAM	3	3	20.73	20.99	20.90		
1.4	64QAM	6	0	19.81	19.89	20.05	21.5	3
1.4	256QAM	1	0	18.43	18.47	18.44	19.5	5
1.4	256QAM	1	3	18.43	18.47	18.37		
1.4	256QAM	1	5	18.23	18.37	18.24		
1.4	256QAM	3	0	18.52	18.53	18.43		
1.4	256QAM	3	1	18.37	18.33	18.31		
1.4	256QAM	3	3	18.37	18.32	18.23		
1.4	256QAM	6	0	18.19	18.28	18.09	19.5	5

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.62	24.69	24.65	25.5	0
20	QPSK	1	49	24.61	24.67	24.61		
20	QPSK	1	99	24.56	24.64	24.63		
20	QPSK	50	0	23.61	23.73	23.70	24.5	1
20	QPSK	50	24	23.46	23.69	23.68		
20	QPSK	50	50	23.59	23.64	23.68		
20	QPSK	100	0	23.60	23.70	23.65		
20	16QAM	1	0	23.80	23.86	23.95	24.5	1
20	16QAM	1	49	23.79	23.87	23.91		
20	16QAM	1	99	23.75	23.85	23.86		
20	16QAM	50	0	22.41	22.69	22.74	23.5	2
20	16QAM	50	24	22.57	22.67	22.72		
20	16QAM	50	50	22.57	22.61	22.79		
20	16QAM	100	0	22.56	22.65	22.70		
20	64QAM	1	0	22.64	22.76	22.79	23.5	2
20	64QAM	1	49	22.63	22.77	22.80		
20	64QAM	1	99	22.62	22.72	22.73		
20	64QAM	50	0	21.43	21.68	21.70	22.5	3
20	64QAM	50	24	21.59	21.62	21.71		
20	64QAM	50	50	21.59	21.62	21.76		
20	64QAM	100	0	21.56	21.61	21.69		
20	256QAM	1	0	19.57	19.66	19.63	20.5	5
20	256QAM	1	49	19.56	19.65	19.61		
20	256QAM	1	99	19.40	19.45	19.39		
20	256QAM	50	0	19.61	19.63	19.62	20.5	5
20	256QAM	50	24	19.60	19.66	19.61		
20	256QAM	50	50	19.33	19.44	19.33		
20	256QAM	100	0	19.51	19.59	19.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.55	24.67	24.61	25.5	0
15	QPSK	1	37	24.52	24.61	24.55		
15	QPSK	1	74	24.53	24.57	24.56		
15	QPSK	36	0	23.58	23.82	23.80	24.5	1
15	QPSK	36	20	23.38	23.57	23.67		
15	QPSK	36	39	23.53	23.80	23.58		
15	QPSK	75	0	23.50	23.80	23.63		
15	16QAM	1	0	23.73	23.85	23.93	24.5	1
15	16QAM	1	37	23.71	23.77	23.88		
15	16QAM	1	74	23.69	23.82	23.81		
15	16QAM	36	0	22.36	22.68	22.68	23.5	2
15	16QAM	36	20	22.52	22.61	22.64		
15	16QAM	36	39	22.48	22.58	22.74		
15	16QAM	75	0	22.53	22.56	22.69		
15	64QAM	1	0	22.63	22.70	22.70	23.5	2
15	64QAM	1	37	22.61	22.67	22.70		
15	64QAM	1	74	22.54	22.71	22.68		
15	64QAM	36	0	21.38	21.56	21.69	22.5	3
15	64QAM	36	20	21.58	21.54	21.61		
15	64QAM	36	39	21.56	21.53	21.73		
15	64QAM	75	0	21.51	21.64	21.64		
15	256QAM	1	0	19.45	19.65	19.62	20.5	5
15	256QAM	1	37	19.53	19.62	19.50		
15	256QAM	1	74	19.32	19.33	19.29		
15	256QAM	36	0	19.53	19.58	19.54	20.5	5
15	256QAM	36	20	19.56	19.65	19.55		
15	256QAM	36	39	19.29	19.41	19.27		
15	256QAM	75	0	19.49	19.53	19.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.58	24.66	24.53	25.5	0
10	QPSK	1	25	24.54	24.59	24.55		
10	QPSK	1	49	24.55	24.60	24.59		
10	QPSK	25	0	23.60	23.84	23.68	24.5	1
10	QPSK	25	12	23.38	23.60	23.58		
10	QPSK	25	25	23.58	23.63	23.57		
10	QPSK	50	0	23.52	23.63	23.62		
10	16QAM	1	0	23.69	23.77	23.86	24.5	1
10	16QAM	1	25	23.69	23.75	23.89		
10	16QAM	1	49	23.70	23.83	23.84		
10	16QAM	25	0	22.34	22.60	22.68	23.5	2
10	16QAM	25	12	22.52	22.62	22.65		
10	16QAM	25	25	22.49	22.60	22.64		
10	16QAM	50	0	22.48	22.54	22.67		
10	64QAM	1	0	22.54	22.75	22.75	23.5	2
10	64QAM	1	25	22.53	22.67	22.73		
10	64QAM	1	49	22.60	22.71	22.72		
10	64QAM	25	0	21.40	21.58	21.64	22.5	3
10	64QAM	25	12	21.50	21.59	21.67		
10	64QAM	25	25	21.52	21.57	21.72		
10	64QAM	50	0	21.44	21.54	21.61		
10	256QAM	1	0	19.46	19.57	19.57	20.5	5
10	256QAM	1	25	19.49	19.55	19.60		
10	256QAM	1	49	19.39	19.44	19.30		
10	256QAM	25	0	19.54	19.54	19.61	20.5	5
10	256QAM	25	12	19.50	19.65	19.58		
10	256QAM	25	25	19.21	19.36	19.24		
10	256QAM	50	0	19.43	19.51	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.53	24.63	24.55	25.5	0
5	QPSK	1	12	24.60	24.64	24.51		
5	QPSK	1	24	24.55	24.62	24.59		
5	QPSK	12	0	23.54	23.76	23.67	24.5	1
5	QPSK	12	7	23.39	23.67	23.59		
5	QPSK	12	13	23.54	23.54	23.67		
5	QPSK	25	0	23.58	23.60	23.62		
5	16QAM	1	0	23.71	23.79	23.93	24.5	1
5	16QAM	1	12	23.77	23.77	23.85		
5	16QAM	1	24	23.66	23.78	23.74		
5	16QAM	12	0	22.38	22.67	22.73	23.5	2
5	16QAM	12	7	22.54	22.62	22.66		
5	16QAM	12	13	22.55	22.56	22.74		
5	16QAM	25	0	22.47	22.54	22.67		
5	64QAM	1	0	22.54	22.64	22.74	23.5	2
5	64QAM	1	12	22.52	22.62	22.74		
5	64QAM	1	24	22.60	22.65	22.66		
5	64QAM	12	0	21.38	21.56	21.59	22.5	3
5	64QAM	12	7	21.55	21.51	21.66		
5	64QAM	12	13	21.56	21.53	21.66		
5	64QAM	25	0	21.49	21.53	21.57		
5	256QAM	1	0	19.55	19.54	19.60	20.5	5
5	256QAM	1	12	19.51	19.64	19.58		
5	256QAM	1	24	19.37	19.40	19.27		
5	256QAM	12	0	19.57	19.55	19.52	20.5	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.29	19.32	19.28		
5	256QAM	25	0	19.44	19.56	19.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.51	24.59	24.63	25.5	0
3	QPSK	1	8	24.58	24.62	24.56		
3	QPSK	1	14	24.44	24.63	24.60		
3	QPSK	8	0	23.56	23.61	23.64	24.5	1
3	QPSK	8	4	23.38	23.63	23.64		
3	QPSK	8	7	23.53	23.62	23.58		
3	QPSK	15	0	23.53	23.65	23.54		
3	16QAM	1	0	23.72	23.79	23.84	24.5	1
3	16QAM	1	8	23.72	23.80	23.85		
3	16QAM	1	14	23.74	23.78	23.74		
3	16QAM	8	0	22.37	22.60	22.62	23.5	2
3	16QAM	8	4	22.49	22.60	22.71		
3	16QAM	8	7	22.50	22.54	22.69		
3	16QAM	15	0	22.49	22.61	22.61		
3	64QAM	1	0	22.61	22.73	22.73	23.5	2
3	64QAM	1	8	22.58	22.69	22.75		
3	64QAM	1	14	22.50	22.66	22.63		
3	64QAM	8	0	21.36	21.56	21.62	22.5	3
3	64QAM	8	4	21.50	21.51	21.62		
3	64QAM	8	7	21.56	21.56	21.67		
3	64QAM	15	0	21.52	21.64	21.58		
3	256QAM	1	0	19.54	19.63	19.52	20.5	5
3	256QAM	1	8	19.50	19.63	19.49		
3	256QAM	1	14	19.39	19.34	19.27		
3	256QAM	8	0	19.49	19.62	19.52	20.5	5
3	256QAM	8	4	19.52	19.60	19.56		
3	256QAM	8	7	19.22	19.39	19.23		
3	256QAM	15	0	19.45	19.52	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.59	24.65	24.58	25.5	0
1.4	QPSK	1	3	24.57	24.61	24.58		
1.4	QPSK	1	5	24.55	24.56	24.52		
1.4	QPSK	3	0	24.50	24.62	24.52		
1.4	QPSK	3	1	24.56	24.55	24.48		
1.4	QPSK	3	3	24.49	24.49	24.43		
1.4	QPSK	6	0	23.56	23.59	23.62	24.5	1
1.4	16QAM	1	0	23.79	23.79	23.88	24.5	1
1.4	16QAM	1	3	23.75	23.84	23.84		
1.4	16QAM	1	5	23.63	23.84	23.85		
1.4	16QAM	3	0	23.75	23.78	23.86		
1.4	16QAM	3	1	23.71	23.72	23.82		
1.4	16QAM	3	3	23.52	23.82	23.78		
1.4	16QAM	6	0	22.45	22.53	22.58	23.5	2
1.4	64QAM	1	0	22.56	22.75	22.69	23.5	2
1.4	64QAM	1	3	22.55	22.74	22.79		
1.4	64QAM	1	5	22.56	22.67	22.66		
1.4	64QAM	3	0	22.48	22.69	22.68		
1.4	64QAM	3	1	22.48	22.65	22.75		
1.4	64QAM	3	3	22.46	22.60	22.65		
1.4	64QAM	6	0	21.52	21.55	21.59	22.5	3
1.4	256QAM	1	0	19.49	19.63	19.55	20.5	5
1.4	256QAM	1	3	19.51	19.56	19.51		
1.4	256QAM	1	5	19.32	19.43	19.38		
1.4	256QAM	3	0	19.55	19.55	19.54		
1.4	256QAM	3	1	19.51	19.55	19.59		
1.4	256QAM	3	3	19.23	19.34	19.26		
1.4	256QAM	6	0	19.47	19.48	19.41	20.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65	25.5	0
10	QPSK	1	25	24.55	24.56	24.64		
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64	24.5	1
10	QPSK	25	12	23.53	23.52	23.62		
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82	24.5	1
10	16QAM	1	25	23.73	23.82	23.91		
10	16QAM	1

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	22.99	22.88	24	0
20	QPSK	1	49	22.96	22.97	22.84		
20	QPSK	1	99	22.85	22.96	22.84		
20	QPSK	50	0	22.03	22.07	21.99	23	1
20	QPSK	50	24	21.95	22.04	21.92		
20	QPSK	50	50	21.96	22.00	21.91		
20	QPSK	100	0	21.90	22.00	21.90		
20	16QAM	1	0	22.04	22.16	22.09	23	1
20	16QAM	1	49	22.15	22.22	22.09		
20	16QAM	1	99	22.17	22.20	22.05		
20	16QAM	50	0	20.88	21.02	20.92	22	2
20	16QAM	50	24	20.88	20.99	20.86		
20	16QAM	50	50	20.99	21.00	20.87		
20	16QAM	100	0	20.87	20.95	20.89		
20	64QAM	1	0	20.96	21.08	21.00	22	2
20	64QAM	1	49	21.11	21.13	20.99		
20	64QAM	1	99	21.12	21.15	21.02		
20	64QAM	50	0	19.85	20.04	19.91	21	3
20	64QAM	50	24	19.89	20.00	19.87		
20	64QAM	50	50	20.02	19.98	19.85		
20	64QAM	100	0	19.88	19.99	19.88		
20	256QAM	1	0	17.37	17.44	17.40	19	5
20	256QAM	1	49	17.30	17.38	17.31		
20	256QAM	1	99	17.33	17.36	17.33		
20	256QAM	50	0	17.36	17.40	17.35	19	5
20	256QAM	50	24	17.44	17.45	17.42		
20	256QAM	50	50	17.33	17.44	17.43		
20	256QAM	100	0	17.26	17.33	17.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	22.95	22.80	24	0
15	QPSK	1	37	22.92	22.91	22.79		
15	QPSK	1	74	22.76	22.89	22.75		
15	QPSK	36	0	21.92	21.99	21.98	23	1
15	QPSK	36	20	21.94	21.95	21.91		
15	QPSK	36	39	21.95	21.93	21.80		
15	QPSK	75	0	21.82	21.97	21.86		
15	16QAM	1	0	21.99	22.04	22.01	23	1
15	16QAM	1	37	22.04	22.12	22.04		
15	16QAM	1	74	22.15	22.14	21.93		
15	16QAM	36	0	20.79	20.93	20.82	22	2
15	16QAM	36	20	20.78	20.91	20.85		
15	16QAM	36	39	20.88	20.92	20.85		
15	16QAM	75	0	20.82	20.84	20.84		
15	64QAM	1	0	20.88	21.01	20.93	22	2
15	64QAM	1	37	21.02	21.10	20.91		
15	64QAM	1	74	21.05	21.04	20.91		
15	64QAM	36	0	19.75	19.92	19.85	21	3
15	64QAM	36	20	19.80	19.98	19.83		
15	64QAM	36	39	19.99	19.95	19.84		
15	64QAM	75	0	19.80	19.95	19.80		
15	256QAM	1	0	17.33	17.37	17.31	19	5
15	256QAM	1	37	17.26	17.31	17.27		
15	256QAM	1	74	17.25	17.26	17.29		
15	256QAM	36	0	17.25	17.37	17.29	19	5
15	256QAM	36	20	17.41	17.38	17.31		
15	256QAM	36	39	17.28	17.40	17.31		
15	256QAM	75	0	17.16	17.22	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.95	22.91	22.87	24	0
10	QPSK	1	25	22.95	22.86	22.75		
10	QPSK	1	49	22.83	22.84	22.76		
10	QPSK	25	0	21.93	22.04	21.89	23	1
10	QPSK	25	12	21.87	21.96	21.83		
10	QPSK	25	25	21.92	21.95	21.83		
10	QPSK	50	0	21.79	21.98	21.78		
10	16QAM	1	0	21.93	22.05	22.04	23	1
10	16QAM	1	25	22.08	22.19	22.00		
10	16QAM	1	49	22.12	22.13	22.00		
10	16QAM	25	0	20.79	20.93	20.84	22	2
10	16QAM	25	12	20.85	20.95	20.81		
10	16QAM	25	25	20.90	20.93	20.80		
10	16QAM	50	0	20.75	20.84	20.83		
10	64QAM	1	0	20.87	20.96	20.93	22	2
10	64QAM	1	25	20.99	21.02	20.92		
10	64QAM	1	49	21.05	21.05	20.92		
10	64QAM	25	0	19.82	19.95	19.80	21	3
10	64QAM	25	12	19.88	19.90	19.77		
10	64QAM	25	25	19.98	19.92	19.78		
10	64QAM	50	0	19.77	19.98	19.80		
10	256QAM	1	0	17.32	17.37	17.29	19	5
10	256QAM	1	25	17.22	17.31	17.30		
10	256QAM	1	49	17.32	17.25	17.28		
10	256QAM	25	0	17.28	17.28	17.28	19	5
10	256QAM	25	12	17.38	17.42	17.38		
10	256QAM	25	25	17.24	17.33	17.31		
10	256QAM	50	0	17.18	17.26	17.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.88	22.89	22.87	24	0
5	QPSK	1	12	22.93	22.96	22.81		
5	QPSK	1	24	22.76	22.91	22.73		
5	QPSK	12	0	21.93	22.05	21.92	23	1
5	QPSK	12	7	21.84	22.02	21.81		
5	QPSK	12	13	21.86	21.95	21.81		
5	QPSK	25	0	21.80	21.98	21.79		
5	16QAM	1	0	22.03	22.10	22.00	23	1
5	16QAM	1	12	22.03	22.17	22.07		
5	16QAM	1	24	22.06	22.11	21.99		
5	16QAM	12	0	20.84	20.93	20.82	22	2
5	16QAM	12	7	20.86	20.94	20.76		
5	16QAM	12	13	20.89	20.93	20.77		
5	16QAM	25	0	20.85	20.83	20.82		
5	64QAM	1	0	20.87	21.07	20.89	22	2
5	64QAM	1	12	21.00	21.06	20.96		
5	64QAM	1	24	21.03	21.12	20.94		
5	64QAM	12	0	19.79	19.94	19.86	21	3
5	64QAM	12	7	19.79	19.96	19.75		
5	64QAM	12	13	19.94	19.96	19.84		
5	64QAM	25	0	19.86	19.91	19.80		
5	256QAM	1	0	17.34	17.35	17.32	19	5
5	256QAM	1	12	17.27	17.28	17.21		
5	256QAM	1	24	17.27	17.29	17.23		
5	256QAM	12	0	17.30	17.38	17.28	19	5
5	256QAM	12	7	17.42	17.40	17.35		
5	256QAM	12	13	17.22	17.33	17.33		
5	256QAM	25	0	17.20	17.21	17.29		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.32	24.41	24.39	25.5	0
20	QPSK	1	49	24.25	24.36	24.34		
20	QPSK	1	99	24.19	24.34	24.31		
20	QPSK	50	0	23.39	23.44	23.41	24.5	1
20	QPSK	50	24	23.24	23.35	23.35		
20	QPSK	50	50	23.31	23.41	23.36		
20	QPSK	100	0	23.23	23.39	23.38		
20	16QAM	1	0	23.32	23.41	23.54	24.5	1
20	16QAM	1	49	23.47	23.58	23.55		
20	16QAM	1	99	23.50	23.61	23.54		
20	16QAM	50	0	22.17	22.42	22.41	23.5	2
20	16QAM	50	24	22.20	22.41	22.33		
20	16QAM	50	50	22.39	22.41	22.32		
20	16QAM	100	0	22.21	22.35	22.36		
20	64QAM	1	0	22.28	22.43	22.47	23.5	2
20	64QAM	1	49	22.40	22.52	22.47		
20	64QAM	1	99	22.42	22.54	22.49		
20	64QAM	50	0	21.16	21.44	21.41	22.5	3
20	64QAM	50	24	21.18	21.42	21.32		
20	64QAM	50	50	21.35	21.40	21.35		
20	64QAM	100	0	21.21	21.36	21.35		
20	256QAM	1	0	19.23	19.34	19.31	20.5	5
20	256QAM	1	49	19.28	19.33	19.27		
20	256QAM	1	99	19.43	19.47	19.35		
20	256QAM	50	0	19.20	19.31	19.24	20.5	5
20	256QAM	50	24	19.23	19.33	19.29		
20	256QAM	50	50	19.21	19.28	19.22		
20	256QAM	100	0	19.16	19.25	19.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.30	24.30	25.5	0
15	QPSK	1	37	24.19	24.24	24.32		
15	QPSK	1	74	24.09	24.28	24.20		
15	QPSK	36	0	23.27	23.32	23.33	24.5	1
15	QPSK	36	20	23.17	23.26	23.24		
15	QPSK	36	39	23.26	23.37	23.29		
15	QPSK	75	0	23.17	23.34	23.26		
15	16QAM	1	0	23.20	23.31	23.43	24.5	1
15	16QAM	1	37	23.43	23.53	23.50		
15	16QAM	1	74	23.41	23.49	23.44		
15	16QAM	36	0	22.06	22.32	22.29	23.5	2
15	16QAM	36	20	22.19	22.35	22.27		
15	16QAM	36	39	22.27	22.32	22.27		
15	16QAM	75	0	22.13	22.28	22.25		
15	64QAM	1	0	22.20	22.34	22.46	23.5	2
15	64QAM	1	37	22.34	22.50	22.42		
15	64QAM	1	74	22.30	22.51	22.42		
15	64QAM	36	0	21.13	21.34	21.38	22.5	3
15	64QAM	36	20	21.09	21.39	21.23		
15	64QAM	36	39	21.23	21.36	21.27		
15	64QAM	75	0	21.12	21.35	21.24		
15	256QAM	1	0	19.11	19.25	19.26	20.5	5
15	256QAM	1	37	19.27	19.27	19.26		
15	256QAM	1	74	19.37	19.38	19.32		
15	256QAM	36	0	19.14	19.28	19.17	20.5	5
15	256QAM	36	20	19.18	19.25	19.27		
15	256QAM	36	39	19.13	19.24	19.13		
15	256QAM	75	0	19.10	19.15	19.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.22	24.29	24.35	25.5	0
10	QPSK	1	25	24.24	24.31	24.28		
10	QPSK	1	49	24.13	24.32	24.26		
10	QPSK	25	0	23.34	23.42	23.36	24.5	1
10	QPSK	25	12	23.20	23.28	23.29		
10	QPSK	25	25	23.24	23.33	23.35		
10	QPSK	50	0	23.20	23.28	23.37		
10	16QAM	1	0	23.31	23.32	23.49	24.5	1
10	16QAM	1	25	23.38	23.53	23.53		
10	16QAM	1	49	23.48	23.54	23.44		
10	16QAM	25	0	22.10	22.39	22.35	23.5	2
10	16QAM	25	12	22.19	22.29	22.29		
10	16QAM	25	25	22.31	22.40	22.26		
10	16QAM	50	0	22.13	22.28	22.31		
10	64QAM	1	0	22.21	22.41	22.41	23.5	2
10	64QAM	1	25	22.29	22.46	22.46		
10	64QAM	1	49	22.39	22.46	22.42		
10	64QAM	25	0	21.07	21.42	21.29	22.5	3
10	64QAM	25	12	21.16	21.32	21.20		
10	64QAM	25	25	21.27	21.30	21.34		
10	64QAM	50	0	21.15	21.26	21.28		
10	256QAM	1	0	19.16	19.27	19.26	20.5	5
10	256QAM	1	25	19.18	19.30	19.19		
10	256QAM	1	49	19.39	19.46	19.32		
10	256QAM	25	0	19.13	19.28	19.12	20.5	5
10	256QAM	25	12	19.17	19.30	19.26		
10	256QAM	25	25	19.19	19.23	19.21		
10	256QAM	50	0	19.08	19.15	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.31	24.39	24.28	25.5	0
5	QPSK	1	12	24.24	24.31	24.24		
5	QPSK	1	24	24.08	24.27	24.26		
5	QPSK	12	0	23.27	23.37	23.33	24.5	1
5	QPSK	12	7	23.20	23.32	23.26		
5	QPSK	12	13	23.25	23.40	23.27		
5	QPSK	25	0	23.12	23.31	23.36		
5	16QAM	1	0	23.28	23.35	23.45	24.5	1
5	16QAM	1	12	23.40	23.50	23.44		
5	16QAM	1	24	23.38	23.50	23.49		
5	16QAM	12	0	22.16	22.40	22.38	23.5	2
5	16QAM	12	7	22.08	22.32	22.30		
5	16QAM	12	13	22.27	22.31	22.28		
5	16QAM	25	0	22.15	22.23	22.28		
5	64QAM	1	0	22.24	22.33	22.35	23.5	2
5	64QAM	1	12	22.38	22.51	22.43		
5	64QAM	1	24	22.34	22.42	22.38		
5	64QAM	12	0	21.06	21.39	21.37	22.5	3
5	64QAM	12	7	21.17	21.40	21.22		
5	64QAM	12	13	21.23	21.35	21.24		
5	64QAM	25	0	21.18	21.24	21.30		
5	256QAM	1	0	19.21	19.30	19.28	20.5	5
5	256QAM	1	12	19.27	19.25	19.18		
5	256QAM	1	24	19.38	19.46	19.24		
5	256QAM	12	0	19.09	19.29	19.20	20.5	5
5	256QAM	12	7	19.20	19.32	19.19		
5	256QAM	12	13	19.16	19.27	19.15		
5	256QAM	25	0	19.07	19.18	19.11		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.01	23.04	22.99	24	0
20	QPSK	1	49	22.99	23.03	22.93		
20	QPSK	1	99	22.99	23.01	22.94		
20	QPSK	50	0	22.05	22.11	22.07	23	1
20	QPSK	50	24	22.02	22.08	22.00		
20	QPSK	50	50	22.03	22.09	22.06		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.16	22.17	22.13	23	1
20	16QAM	1	49	22.28	22.27	22.15		
20	16QAM	1	99	22.26	22.30	22.11		
20	16QAM	50	0	20.92	21.08	21.00	22	2
20	16QAM	50	24	21.03	21.09	20.99		
20	16QAM	50	50	21.07	21.04	20.95		
20	16QAM	100	0	20.97	21.04	20.95		
20	64QAM	1	0	21.12	21.14	21.07	22	2
20	64QAM	1	49	21.19	21.20	21.05		
20	64QAM	1	99	21.15	21.16	21.09		
20	64QAM	50	0	19.96	20.12	20.03	21	3
20	64QAM	50	24	19.96	20.02	19.94		
20	64QAM	50	50	20.07	20.02	19.95		
20	64QAM	100	0	19.99	20.04	19.96		
20	256QAM	1	0	17.52	17.62	17.50	19	5
20	256QAM	1	49	17.58	17.64	17.57		
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46	19	5
20	256QAM	50	24	17.50	17.56	17.52		
20	256QAM	50	50	17.61	17.63	17.59		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	22.95	22.90	24	0
15	QPSK	1	37	22.94	22.94	22.90		
15	QPSK	1	74	22.87	22.98	22.91		
15	QPSK	36	0	21.94	22.10	22.03	23	1
15	QPSK	36	20	21.95	22.04	21.94		
15	QPSK	36	39	21.98	21.99	21.87		
15	QPSK	75	0	22.00	21.94	21.89		
15	16QAM	1	0	22.13	22.13	22.11	23	1
15	16QAM	1	37	22.16	22.19	22.06		
15	16QAM	1	74	22.16	22.23	22.10		
15	16QAM	36	0	20.87	21.04	20.97	22	2
15	16QAM	36	20	20.99	21.02	20.87		
15	16QAM	36	39	21.03	20.96	20.87		
15	16QAM	75	0	20.91	20.95	20.85		
15	64QAM	1	0	21.02	21.07	20.98	22	2
15	64QAM	1	37	21.14	21.09	20.97		
15	64QAM	1	74	21.10	21.13	21.01		
15	64QAM	36	0	19.93	20.01	19.93	21	3
15	64QAM	36	20	19.93	19.96	19.88		
15	64QAM	36	39	20.05	19.95	19.86		
15	64QAM	75	0	19.97	19.95	19.93		
15	256QAM	1	0	17.48	17.50	17.42	19	5
15	256QAM	1	37	17.52	17.62	17.50		
15	256QAM	1	74	17.53	17.62	17.52		
15	256QAM	36	0	17.47	17.48	17.40	19	5
15	256QAM	36	20	17.46	17.54	17.41		
15	256QAM	36	39	17.52	17.58	17.52		
15	256QAM	75	0	17.37	17.45	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.98	23.02	22.87	24	0
10	QPSK	1	25	22.90	22.97	22.91		
10	QPSK	1	49	22.88	23.00	22.83		
10	QPSK	25	0	21.93	21.99	21.98	23	1
10	QPSK	25	12	22.00	22.00	21.93		
10	QPSK	25	25	21.98	21.99	21.86		
10	QPSK	50	0	21.90	21.95	21.87		
10	16QAM	1	0	22.07	22.11	22.12	23	1
10	16QAM	1	25	22.22	22.16	22.03		
10	16QAM	1	49	22.25	22.26	22.07		
10	16QAM	25	0	20.89	20.99	20.89	22	2
10	16QAM	25	12	21.02	21.03	20.87		
10	16QAM	25	25	21.00	20.98	20.94		
10	16QAM	50	0	20.86	20.92	20.94		
10	64QAM	1	0	21.07	21.04	21.03	22	2
10	64QAM	1	25	21.13	21.15	20.94		
10	64QAM	1	49	21.05	21.14	21.02		
10	64QAM	25	0	19.86	20.00	19.91	21	3
10	64QAM	25	12	19.94	19.93	19.82		
10	64QAM	25	25	20.03	19.91	19.84		
10	64QAM	50	0	19.98	19.94	19.90		
10	256QAM	1	0	17.47	17.56	17.38	19	5
10	256QAM	1	25	17.51	17.54	17.50		
10	256QAM	1	49	17.44	17.64	17.62		
10	256QAM	25	0	17.45	17.56	17.39	19	5
10	256QAM	25	12	17.41	17.54	17.45		
10	256QAM	25	25	17.58	17.57	17.48		
10	256QAM	50	0	17.29	17.48	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.01	22.97	24	0
5	QPSK	1	12	22.97	22.92	22.82		
5	QPSK	1	24	22.92	22.92	22.91		
5	QPSK	12	0	21.97	22.08	22.01	23	1
5	QPSK	12	7	22.00	21.97	21.86		
5	QPSK	12	13	22.01	22.07	21.86		
5	QPSK	25	0	21.94	21.97	21.87		
5	16QAM	1	0	22.13	22.16	22.05	23	1
5	16QAM	1	12	22.16	22.22	22.04		
5	16QAM	1	24	22.20	22.23	22.02		
5	16QAM	12	0	20.80	20.98	20.92	22	2
5	16QAM	12	7	20.95	21.08	20.96		
5	16QAM	12	13	21.03	20.96	20.92		
5	16QAM	25	0	20.94	20.99	20.93		
5	64QAM	1	0	21.08	21.12	20.99	22	2
5	64QAM	1	12	21.14	21.10	20.97		
5	64QAM	1	24	21.04	21.05	21.08		
5	64QAM	12	0	19.92	20.07	20.01	21	3
5	64QAM	12	7	19.87	19.91	19.83		
5	64QAM	12	13	20.03	20.00	19.85		
5	64QAM	25	0	19.94	20.00	19.94		
5	256QAM	1	0	17.47	17.53	17.38	19	5
5	256QAM	1	12	17.52	17.54	17.56		
5	256QAM	1	24	17.42	17.57	17.52		
5	256QAM	12	0	17.51	17.51	17.39	19	5
5	256QAM	12	7	17.42	17.52	17.47		
5	256QAM	12	13	17.56	17.57	17.50		
5	256QAM	25	0	17.32	17.45	17.36		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.99	21.05	21.00	22	0
20	QPSK	1	49	20.97	21.00	20.98		
20	QPSK	1	99	20.96	20.99	20.96		
20	QPSK	50	0	20.80	20.87	20.83	22	0
20	QPSK	50	24	20.79	20.81	20.78		
20	QPSK	50	50	20.76	20.85	20.81		
20	QPSK	100	0	20.74	20.85	20.83		
20	16QAM	1	0	21.00	21.01	20.92	22	0
20	16QAM	1	49	20.96	20.98	20.94		
20	16QAM	1	99	21.04	21.00	20.96		
20	16QAM	50	0	20.73	20.89	20.92	22	0
20	16QAM	50	24	20.74	20.87	20.89		
20	16QAM	50	50	20.85	20.90	20.92		
20	16QAM	100	0	20.72	20.83	20.87		
20	64QAM	1	0	20.92	20.93	20.86	22	0
20	64QAM	1	49	21.00	21.04	20.99		
20	64QAM	1	99	20.97	21.04	20.99		
20	64QAM	50	0	20.70	20.88	20.91	22	0
20	64QAM	50	24	20.71	20.86	20.92		
20	64QAM	50	50	20.84	20.92	20.94		
20	64QAM	100	0	20.74	20.86	20.87		
20	256QAM	1	0	19.27	19.22	19.22	20.5	1.5
20	256QAM	1	49	19.29	19.22	19.32		
20	256QAM	1	99	19.20	19.18	19.24		
20	256QAM	50	0	19.19	19.30	19.25	20.5	1.5
20	256QAM	50	24	19.27	19.27	19.30		
20	256QAM	50	50	19.26	19.26	19.21		
20	256QAM	100	0	19.29	19.24	19.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.84	20.92	20.93	22	0
15	QPSK	1	37	20.95	20.81	20.94		
15	QPSK	1	74	20.92	20.86	20.92		
15	QPSK	36	0	20.70	20.83	20.73	22	0
15	QPSK	36	20	20.74	20.81	20.78		
15	QPSK	36	39	20.68	20.65	20.81		
15	QPSK	75	0	20.68	20.78	20.72		
15	16QAM	1	0	20.82	20.97	20.73	22	0
15	16QAM	1	37	20.91	20.87	20.91		
15	16QAM	1	74	20.90	20.86	20.85		
15	16QAM	36	0	20.56	20.75	20.82	22	0
15	16QAM	36	20	20.63	20.77	20.82		
15	16QAM	36	39	20.65	20.70	20.87		
15	16QAM	75	0	20.59	20.77	20.87		
15	64QAM	1	0	20.90	20.92	20.75	22	0
15	64QAM	1	37	20.87	20.86	20.96		
15	64QAM	1	74	20.87	20.96	20.89		
15	64QAM	36	0	20.69	20.71	20.78	22	0
15	64QAM	36	20	20.70	20.81	20.88		
15	64QAM	36	39	20.69	20.72	20.85		
15	64QAM	75	0	20.65	20.69	20.80		
15	256QAM	1	0	19.25	19.17	19.06	20.5	1.5
15	256QAM	1	37	19.09	19.14	19.12		
15	256QAM	1	74	19.20	19.17	19.09		
15	256QAM	36	0	19.12	19.11	19.11	20.5	1.5
15	256QAM	36	20	19.07	19.09	19.19		
15	256QAM	36	39	19.08	19.14	19.12		
15	256QAM	75	0	19.11	19.05	18.96		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.94	20.93	20.93	22	0
10	QPSK	1	25	20.88	20.91	20.92		
10	QPSK	1	49	20.83	20.83	20.96		
10	QPSK	25	0	20.60	20.83	20.74	22	0
10	QPSK	25	12	20.61	20.80	20.60		
10	QPSK	25	25	20.76	20.73	20.70		
10	QPSK	50	0	20.55	20.78	20.73		
10	16QAM	1	0	20.88	20.88	20.91	22	0
10	16QAM	1	25	20.80	20.93	20.94		
10	16QAM	1	49	20.93	20.98	20.94		
10	16QAM	25	0	20.67	20.73	20.73	22	0
10	16QAM	25	12	20.69	20.68	20.74		
10	16QAM	25	25	20.83	20.72	20.81		
10	16QAM	50	0	20.64	20.67	20.82		
10	64QAM	1	0	20.82	20.88	20.75	22	0
10	64QAM	1	25	20.85	21.02	20.95		
10	64QAM	1	49	20.93	20.96	20.83		
10	64QAM	25	0	20.67	20.82	20.84	22	0
10	64QAM	25	12	20.63	20.81	20.74		
10	64QAM	25	25	20.81	20.84	20.77		
10	64QAM	50	0	20.66	20.81	20.76		
10	256QAM	1	0	19.14	19.07	19.17	20.5	1.5
10	256QAM	1	25	19.22	19.16	19.25		
10	256QAM	1	49	19.03	18.99	19.18		
10	256QAM	25	0	19.08	19.11	19.13	20.5	1.5
10	256QAM	25	12	19.12	19.10	19.23		
10	256QAM	25	25	19.14	19.08	19.14		
10	256QAM	50	0	19.20	19.10	18.94		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.87	21.04	20.99	22	0
5	QPSK	1	12	20.82	20.95	20.94		
5	QPSK	1	24	20.88	20.97	20.83		
5	QPSK	12	0	20.80	20.75	20.72	22	0
5	QPSK	12	7	20.65	20.70	20.77		
5	QPSK	12	13	20.57	20.69	20.80		
5	QPSK	25	0	20.54	20.82	20.78		
5	16QAM	1	0	20.89	20.95	20.77	22	0
5	16QAM	1	12	20.79	20.85	20.80		
5	16QAM	1	24	20.99	20.95	20.96		
5	16QAM	12	0	20.60	20.85	20.83	22	0
5	16QAM	12	7	20.65	20.79	20.80		
5	16QAM	12	13	20.75	20.88	20.79		
5	16QAM	25	0	20.56	20.63	20.80		
5	64QAM	1	0	20.89	20.88	20.66	22	0
5	64QAM	1	12	20.99	20.89	20.99		
5	64QAM	1	24	20.88	20.86	20.79		
5	64QAM	12	0	20.53	20.83	20.75	22	0
5	64QAM	12	7	20.63	20.77	20.88		
5	64QAM	12	13	20.74	20.89	20.90		
5	64QAM	25	0	20.69	20.85	20.81		
5	256QAM	1	0	19.16	19.06	19.18	20.5	1.5
5	256QAM	1	12	19.21	19.05	19.13		
5	256QAM	1	24	19.04	19.14	19.10		
5	256QAM	12	0	19.19	19.18	19.11	20.5	1.5
5	256QAM	12	7	19.24	19.16	19.30		
5	256QAM	12	13	19.08	19.10	19.20		
5	256QAM	25	0	19.19	19.06	19.08		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59	24.5	1
10	QPSK	25	0	23.56	23.61	23.59		
10	QPSK	25	12	23.52	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.68	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.26	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.18	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.48	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.08	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.40		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.16	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.86	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71	24.5	1
10	QPSK	25	0	22.82	22.84	22.83		
10	QPSK	25	12	22.77	22.86	22.79		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.58	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.56	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.68	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.58	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.89	18.53		
3	256QAM	1	14	18.50	18.74	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.58		25.5	0
10	QPSK	1	25		24.57			
10	QPSK	1	49		24.55		24.5	1
10	QPSK	25	0		23.52			
10	QPSK	25	12		23.53			
10	QPSK	25	25		23.52			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.76		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.78			
10	16QAM	25	0		22.60		23.5	2
10	16QAM	25	12		22.51			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.54			
10	64QAM	1	0		22.62		23.5	2
10	64QAM	1	25		22.66			
10	64QAM	1	49		22.62			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.51			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.51			
10	256QAM	1	0		19.56		20.5	5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.56			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.48			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.39			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.36	24.45	24.46	25.5	0
5	QPSK	1	12	24.51	24.50	24.51		
5	QPSK	1	24	24.41	24.40	24.43		
5	QPSK	12	0	23.41	23.45	23.52	24.5	1
5	QPSK	12	7	23.30	23.49	23.42		
5	QPSK	12	13	23.40	23.39	23.43		
5	QPSK	25	0	23.36	23.45	23.48		
5	16QAM	1	0	23.69	23.62	23.74	24.5	1
5	16QAM	1	12	23.60	23.66	23.72		
5	16QAM	1	24	23.88	23.63	23.67		
5	16QAM	12	0	22.45	22.53	22.51	23.5	2
5	16QAM	12	7	22.34	22.27	22.39		
5	16QAM	12	13	22.24	22.39	22.42		
5	16QAM	25	0	22.43	22.35	22.48		
5	64QAM	1	0	22.51	22.50	22.50	23.5	2
5	64QAM	1	12	22.51	22.56	22.59		
5	64QAM	1	24	22.54	22.55	22.53		
5	64QAM	12	0	21.39	21.47	21.55	22.5	3
5	64QAM	12	7	21.45	21.41	21.40		
5	64QAM	12	13	21.39	21.29	21.35		
5	64QAM	25	0	21.38	21.37	21.39		
5	256QAM	1	0	19.42	19.42	19.47	20.5	5
5	256QAM	1	12	19.49	19.40	19.53		
5	256QAM	1	24	19.47	19.37	19.54		
5	256QAM	12	0	19.31	19.24	19.40	20.5	5
5	256QAM	12	7	19.46	19.38	19.37		
5	256QAM	12	13	19.38	19.43	19.56		
5	256QAM	25	0	19.26	19.23	19.36		
Channel				23105	23230	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	24.34	24.56	24.55	25.5	0
3	QPSK	1	8	24.49	24.44	24.54		
3	QPSK	1	14	24.36	24.40	24.43		
3	QPSK	8	0	23.40	23.47	23.51	24.5	1
3	QPSK	8	4	23.30	23.47	23.45		
3	QPSK	8	7	23.40	23.37	23.43		
3	QPSK	15	0	23.45	23.46	23.49		
3	16QAM	1	0	23.64	23.60	23.64	24.5	1
3	16QAM	1	8	23.65	23.64	23.71		
3	16QAM	1	14	23.72	23.65	23.67		
3	16QAM	8	0	22.44	22.48	22.58	23.5	2
3	16QAM	8	4	22.43	22.28	22.42		
3	16QAM	8	7	22.23	22.35	22.37		
3	16QAM	15	0	22.37	22.43	22.53		
3	64QAM	1	0	22.51	22.46	22.51	23.5	2
3	64QAM	1	8	22.61	22.53	22.54		
3	64QAM	1	14	22.57	22.54	22.57		
3	64QAM	8	0	21.40	21.40	21.44	22.5	3
3	64QAM	8	4	21.49	21.40	21.43		
3	64QAM	8	7	21.42	21.28	21.38		
3	64QAM	15	0	21.35	21.30	21.44		
3	256QAM	1	0	19.45	19.44	19.53	20.5	5
3	256QAM	1	8	19.49	19.44	19.53		
3	256QAM	1	14	19.43	19.51	19.51		
3	256QAM	8	0	19.29	19.30	19.41	20.5	5
3	256QAM	8	4	19.36	19.39	19.38		
3	256QAM	8	7	19.35	19.45	19.49		
3	256QAM	15	0	19.26	19.19	19.38		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	24.34	24.45	24.48	25.5	0
1.4	QPSK	1	3	24.40	24.52	24.56		
1.4	QPSK	1	5	24.41	24.45	24.50		
1.4	QPSK	3	0	24.26	24.37	24.38		
1.4	QPSK	3	1	24.35	24.47	24.54		
1.4	QPSK	3	3	24.29	24.34	24.43		
1.4	QPSK	6	0	23.42	23.44	23.51	24.5	1
1.4	16QAM	1	0	23.58	23.57	23.66	24.5	1
1.4	16QAM	1	3	23.60	23.61	23.70		
1.4	16QAM	1	5	23.63	23.62	23.76		
1.4	16QAM	3	0	23.46	23.55	23.58		
1.4	16QAM	3	1	23.53	23.51	23.59		
1.4	16QAM	3	3	23.56	23.50	23.70		
1.4	16QAM	6	0	22.38	22.46	22.43	23.5	2
1.4	64QAM	1	0	22.50	22.51	22.51	23.5	2
1.4	64QAM	1	3	22.50	22.51	22.61		
1.4	64QAM	1	5	22.49	22.48	22.50		
1.4	64QAM	3	0	22.41	22.49	22.46		
1.4	64QAM	3	1	22.47	22.57	22.59		
1.4	64QAM	3	3	22.46	22.37	22.43		
1.4	64QAM	6	0	21.36	21.33	21.41	22.5	3
1.4	256QAM	1	0	19.49	19.46	19.47	20.5	5
1.4	256QAM	1	3	19.40	19.50	19.48		
1.4	256QAM	1	5	19.41	19.43	19.47		
1.4	256QAM	3	0	19.31	19.31	19.36		
1.4	256QAM	3	1	19.38	19.32	19.45		
1.4	256QAM	3	3	19.40	19.42	19.53		
1.4	256QAM	6	0	19.31	19.22	19.37	20.5	5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.67		25.5	0
10	QPSK	1	25		23.65			
10	QPSK	1	49		23.62		24.5	1
10	QPSK	25	0		22.60			
10	QPSK	25	12		22.57			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.85		24.5	1
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.87			
10	16QAM	25	0		21.61		23.5	2
10	16QAM	25	12		21.60			
10	16QAM	25	25		21.55			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.72		23.5	2
10	64QAM	1	25		21.73			
10	64QAM	1	49		21.70			
10	64QAM	25	0		20.58		22.5	3

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.66	24.65	24.5	1
10	QPSK	1	25	24.62	24.63	24.60	25.5	0
10	QPSK	1	49	24.53	24.58	24.47	24.5	1
10	QPSK	25	0	23.61	23.65	23.64		
10	QPSK	25	12	23.58	23.57	23.57		
10	QPSK	25	25	23.53	23.57	23.53		
10	QPSK	50	0	23.59	23.60	23.58		
10	16QAM	1	0	23.77	23.85	23.77		
10	16QAM	1	25	23.71	23.76	23.58	24.5	1
10	16QAM	1	49	23.59	23.77	23.59		
10	16QAM	25	0	22.45	22.59	22.52		
10	16QAM	25	12	22.48	22.63	22.45	23.5	2
10	16QAM	25	25	22.38	22.57	22.55		
10	16QAM	50	0	22.42	22.59	22.43		
10	64QAM	1	0	22.74	22.81	22.66		
10	64QAM	1	25	22.67	22.72	22.63	23.5	2
10	64QAM	1	49	22.59	22.67	22.55		
10	64QAM	25	0	21.47	21.58	21.57		
10	64QAM	25	12	21.59	21.68	21.57	22.5	3
10	64QAM	25	25	21.37	21.57	21.51		
10	64QAM	50	0	21.55	21.58	21.52		
10	256QAM	1	0	19.47	19.58	19.38		
10	256QAM	1	25	19.36	19.51	19.45	20.5	5
10	256QAM	1	49	19.35	19.52	19.46		
10	256QAM	25	0	19.42	19.49	19.35		
10	256QAM	25	12	19.51	19.57	19.38	20.5	5
10	256QAM	25	25	19.42	19.49	19.37		
10	256QAM	50	0	19.31	19.50	19.48		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.56	24.62	24.52	25.5	0
5	QPSK	1	12	24.56	24.41	24.56		
5	QPSK	1	24	24.32	24.50	24.31		
5	QPSK	12	0	23.47	23.45	23.35	24.5	1
5	QPSK	12	7	23.41	23.28	23.33		
5	QPSK	12	13	23.31	23.36	23.39		
5	QPSK	25	0	23.30	23.40	23.34		
5	16QAM	1	0	23.64	23.52	23.46		
5	16QAM	1	12	23.55	23.57	23.36	24.5	1
5	16QAM	1	24	23.27	23.63	23.32		
5	16QAM	12	0	22.15	22.28	22.24		
5	16QAM	12	7	22.34	22.47	22.19	23.5	2
5	16QAM	12	13	22.17	22.32	22.23		
5	16QAM	25	0	22.23	22.35	22.21		
5	64QAM	1	0	22.41	22.53	22.46		
5	64QAM	1	12	22.49	22.56	22.31	23.5	2
5	64QAM	1	24	22.42	22.46	22.26		
5	64QAM	12	0	21.31	21.40	21.32		
5	64QAM	12	7	21.32	21.52	21.25	22.5	3
5	64QAM	12	13	21.14	21.34	21.22		
5	64QAM	25	0	21.24	21.31	21.36		
5	256QAM	1	0	19.18	19.44	19.08		
5	256QAM	1	12	19.14	19.35	19.23	20.5	5
5	256QAM	1	24	19.21	19.33	19.20		
5	256QAM	12	0	19.16	19.21	19.16		
5	256QAM	12	7	19.22	19.44	19.18	20.5	5
5	256QAM	12	13	19.14	19.21	19.06		
5	256QAM	25	0	19.05	19.23	19.32		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.80	23.85	23.83		
10	QPSK	1	25	23.79	23.78	23.77	25.5	0
10	QPSK	1	49	23.57	23.74	23.62		
10	QPSK	25	0	22.69	22.73	22.71		
10	QPSK	25	12	22.66	22.67	22.68	24.5	1
10	QPSK	25	25	22.58	22.68	22.68		
10	QPSK	50	0	22.65	22.69	22.65		
10	16QAM	1	0	22.92	22.93	22.82		
10	16QAM	1	25	22.87	22.85	22.70	24.5	1
10	16QAM	1	49	22.78	22.83	22.65		
10	16QAM	25	0	21.64	21.65	21.61		
10	16QAM	25	12	21.67	21.69	21.59	23.5	2
10	16QAM	25	25	21.63	21.63	21.63		
10	16QAM	50	0	21.62	21.61	21.60		
10	64QAM	1	0	21.78	21.89	21.70		
10	64QAM	1	25	21.74	21.80	21.65	23.5	2
10	64QAM	1	49	21.63	21.77	21.57		
10	64QAM	25	0	20.61	20.63	20.55		
10	64QAM	25	12	20.64	20.73	20.68	22.5	3
10	64QAM	25	25	20.74	20.76	20.59		
10	64QAM	50	0	20.60	20.91	20.76		
10	256QAM	1	0	18.62	18.87	18.56		
10	256QAM	1	25	18.50	18.60	18.60	20.5	5
10	256QAM	1	49	18.61	18.61	18.50		
10	256QAM	25	0	18.57	18.58	18.58		
10	256QAM	25	12	18.50	18.65	18.65	20.5	5
10	256QAM	25	25	18.52	18.55	18.56		
10	256QAM	50	0	18.54	18.57	18.57		
Channel				23705	23790	23875	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.75	23.75		
5	QPSK	1	12	23.72	23.67	23.75	25.5	0
5	QPSK	1	24	23.50	23.72	23.56		
5	QPSK	12	0	22.57	22.62	22.62		
5	QPSK	12	7	22.57	22.65	22.56	24.5	1
5	QPSK	12	13	22.53	22.66	22.56		
5	QPSK	25	0	22.55	22.62	22.63		
5	16QAM	1	0	22.66	22.81	22.77		
5	16QAM	1	12	22.57	22.77	22.66	24.5	1
5	16QAM	1	24	22.76	22.78	22.61		
5	16QAM	12	0	21.58	21.59	21.64		
5	16QAM	12	7	21.60	21.61	21.53	23.5	2
5	16QAM	12	13	21.58	21.53	21.60		
5	16QAM	25	0	21.53	21.54	21.56		
5	64QAM	1	0	21.67	21.82	21.65		
5	64QAM	1	12	21.72	21.78	21.59	23.5	2
5	64QAM	1	24	21.55	21.68	21.54		
5	64QAM	12	0	20.64	20.60	20.50		
5	64QAM	12	7	20.52	20.71	20.56	22.5	3
5	64QAM	12	13	20.67	20.66	20.52		
5	64QAM	25	0	20.52	20.86	20.69		
5	256QAM	1	0	18.59	18.65	18.54		
5	256QAM	1	12	18.58	18.64	18.50	20.5	5
5	256QAM	1	24	18.51	18.64	18.54		
5	256QAM	12	0	18.63	18.62	18.52		
5	256QAM	12	7	18.53	18.58	18.55	20.5	5
5	256QAM	12	13	18.63	18.61	18.64		
5	256QAM	25	0	18.59	18.50	18.52		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61		
15	QPSK	36	20	23.60	23.62	23.66	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.71	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.56	21.72	21.71		
15	256QAM	1	0	19.60	19.62	19.60		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.58		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.83	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.58	23.58		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.64	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77		
10	64QAM	1	25	22.62	22.71	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.76		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.58		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.48	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.82	22.83	22.87		
5	64QAM	1	12	22.87	22.87	22.85	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.52		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.69	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.48	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.50	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.89	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.67	22.68	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.71	23.82	23.78		
15	QPSK	1	37	23.68	23.75	23.76	25.5	0
15	QPSK	1	74	23.64	23.71	23.71		
15	QPSK	36	0	22.65	22.81	22.78		
15	QPSK	36	20	22.56	22.67	22.71		
15	QPSK	36	39	22.59	22.73	22.69	24.5	1
15	QPSK	75	0	22.62	22.74	22.70		
15	16QAM	1	0	22.79	22.89	22.99		
15	16QAM	1	37	22.86	22.96	23.01	24.5	1
15	16QAM	1	74	22.90	22.97	23.00		
15	16QAM	36	0	21.58	21.64	21.80		
15	16QAM	36	20	21.63	21.67	21.76	23.5	2
15	16QAM	36	39	21.59	21.69	21.72		
15	16QAM	75	0	21.58	21.68	21.76		
15	64QAM	1	0	21.66	21.74	21.83		
15	64QAM	1	37	21.76	21.86	21.89	23.5	2
15	64QAM	1	74	21.77	21.86	21.88		
15	64QAM	36	0	20.55	20.66	20.72		
15	64QAM	36	20	20.62	20.65	20.76	22.5	3
15	64QAM	36	39	20.64	20.71	20.69		
15	64QAM	75	0	20.55	20.73	20.73		
15	256QAM	1	0	18.68	18.74	18.65		
15	256QAM	1	37	18.70	18.75	18.72	20.5	5
15	256QAM	1	74	18.68	18.75	18.64		
15	256QAM	36	0	18.59	18.68	18.68		
15	256QAM	36	20	18.52	18.62	18.58	20.5	5
15	256QAM	36	39	18.51	18.60	18.53		
15	256QAM	75	0	18.53	18.62	18.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.70	23.75	23.66		
10	QPSK	1	25	23.56	23.66	23.74	25.5	0
10	QPSK	1	49	23.54	23.69	23.62		
10	QPSK	25	0	22.58	22.72	22.75		
10	QPSK	25	12	22.87	22.58	22.59	24.5	1
10	QPSK	25	25	22.53	22.63	22.66		
10	QPSK	50	0	22.56	22.72	22.63		
10	16QAM	1	0	22.68	22.82	22.92		
10	16QAM	1	25	22.76	22.91	22.96	24.5	1
10	16QAM	1	49	22.81	22.85	22.97		
10	16QAM	25	0	21.53	21.60	21.77		
10	16QAM	25	12	21.62	21.59	21.74	23.5	2
10	16QAM	25	25	21.57	21.65	21.69		
10	16QAM	50	0	21.86	21.65	21.71		
10	64QAM	1	0	21.64	21.64	21.78		
10	64QAM	1	25	21.68	21.74	21.77	23.5	2
10	64QAM	1	49	21.68	21.81	21.81		
10	64QAM	25	0	20.86	20.59	20.61		
10	64QAM	25	12	20.50	20.58	20.71	22.5	3
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.86	20.57	20.65		
10	256QAM	1	0	18.65	18.64	18.55		
10	256QAM	1	25	18.60	18.69	18.60	20.5	5
10	256QAM	1	49	18.63	18.64	18.59		
10	256QAM	25	0	18.56	18.57	18.62		
10	256QAM	25	12	18.83	18.56	18.52	20.5	5
10	256QAM	25	25	18.85	18.88	18.50		
10	256QAM	50	0	18.87	18.55	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.69	23.71	23.67		
5	QPSK	1	12	23.63	23.67	23.71	25.5	0
5	QPSK	1	24	23.58	23.64	23.60		
5	QPSK	12	0	22.61	22.77	22.68		
5	QPSK	12	7	22.85	22.61	22.69	24.5	1
5	QPSK	12	13	22.88	22.70	22.63		
5	QPSK	25	0	22.56	22.62	22.68		
5	16QAM	1	0	22.72	22.77	22.96		
5	16QAM	1	12	22.75	22.88	23.00	24.5	1
5	16QAM	1	24	22.81	22.94	22.96		
5	16QAM	12	0	21.50	21.55	21.69		
5	16QAM	12	7	21.56	21.60	21.72	23.5	2
5	16QAM	12	13	21.87	21.67	21.62		
5	16QAM	25	0	21.53	21.62	21.73		
5	64QAM	1	0	21.64	21.72	21.71		
5	64QAM	1	12	21.72	21.84	21.87	23.5	2
5	64QAM	1	24	21.69	21.85	21.83		
5	64QAM	12	0	20.50	20.59	20.61		
5	64QAM	12	7	20.57	20.59	20.75	22.5	3
5	64QAM	12	13	20.57	20.66	20.67		
5	64QAM	25	0	20.84	20.57	20.61		
5	256QAM	1	0	18.65	18.73	18.53		
5	256QAM	1	12	18.65	18.69	18.66	20.5	5
5	256QAM	1	24	18.60	18.74	18.53		
5	256QAM	12	0	18.87	18.60	18.57		
5	256QAM	12	7	18.51	18.58	18.86	20.5	5
5	256QAM	12	13	18.89	18.59	18.84		
5	256QAM	25	0	18.83	18.50	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.64	23.73	23.68		
3	QPSK	1	8	23.66	23.66	23.64	25.5	0
3	QPSK	1	14	23.55	23.61	23.67		
3	QPSK	8	0	22.63	22.76	22.74		
3	QPSK	8	4	22.54	22.64	22.63	24.5	1
3	QPSK	8	7	22.52	22.70	22.58		
3	QPSK	15	0	22.60	22.64	22.61		
3	16QAM	1	0	22.67	22.77	22.95		
3	16QAM	1	8	22.83	22.95	22.95

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.54	22.71	22.68		
20	QPSK	1	49	22.47	22.64	22.66	24	0
20	QPSK	1	99	22.53	22.63	22.53		
20	QPSK	50	0	21.63	21.77	21.66		
20	QPSK	50	24	21.53	21.65	21.61	23	1
20	QPSK	50	50	21.48	21.64	21.61		
20	QPSK	100	0	21.51	21.67	21.65		
20	16QAM	1	0	21.68	21.93	21.95		
20	16QAM	1	49	21.79	21.88	21.89	23	1
20	16QAM	1	99	21.77	21.80	21.75		
20	16QAM	50	0	20.51	20.62	20.75		
20	16QAM	50	24	20.55	20.62	20.65		
20	16QAM	50	50	20.54	20.61	20.58	22	2
20	16QAM	100	0	20.54	20.62	20.63		
20	64QAM	1	0	20.57	20.76	20.79		
20	64QAM	1	49	20.67	20.72	20.73	22	2
20	64QAM	1	99	20.61	20.68	20.58		
20	64QAM	50	0	19.48	19.67	19.80		
20	64QAM	50	24	19.52	19.68	19.65	21	3
20	64QAM	50	50	19.60	19.64	19.62		
20	64QAM	100	0	19.54	19.68	19.68		
20	256QAM	1	0	17.37	17.47	17.38		
20	256QAM	1	49	17.48	17.54	17.49	19	5
20	256QAM	1	99	17.48	17.51	17.47		
20	256QAM	50	0	17.38	17.41	17.37		
20	256QAM	50	24	17.37	17.48	17.36	19	5
20	256QAM	50	50	17.34	17.46	17.44		
20	256QAM	100	0	17.29	17.38	17.26		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.52	22.59	22.59	24	0
15	QPSK	1	37	22.41	22.62	22.59		
15	QPSK	1	74	22.47	22.56	22.46		
15	QPSK	36	0	21.58	21.72	21.61		
15	QPSK	36	20	21.50	21.54	21.57	23	1
15	QPSK	36	39	21.46	21.60	21.50		
15	QPSK	75	0	21.45	21.55	21.53		
15	QPSK	75	37	21.63	21.82	21.94		
15	16QAM	1	0	21.75	21.78	21.82	23	1
15	16QAM	1	37	21.76	21.76	21.87		
15	16QAM	1	74	20.47	20.54	20.69		
15	16QAM	36	0	20.44	20.52	20.63	22	2
15	16QAM	36	20	20.59	20.59	20.54		
15	16QAM	36	39	20.47	20.60	20.58		
15	16QAM	75	0	20.55	20.71	20.68		
15	64QAM	1	0	20.65	20.66	20.64	22	2
15	64QAM	1	37	20.58	20.59	20.49		
15	64QAM	1	74	19.38	19.60	19.71		
15	64QAM	36	0	19.46	19.59	19.61	21	3
15	64QAM	36	20	19.51	19.55	19.56		
15	64QAM	36	39	19.46	19.57	19.58		
15	64QAM	75	0	17.30	17.43	17.33		
15	256QAM	1	0	17.44	17.50	17.42	19	5
15	256QAM	1	37	17.47	17.43	17.43		
15	256QAM	1	74	17.32	17.40	17.29		
15	256QAM	36	0	17.36	17.46	17.35	19	5
15	256QAM	36	20	17.32	17.36	17.32		
15	256QAM	36	39	17.26	17.36	17.32		
15	256QAM	75	0	17.28	17.30	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.62	22.67	22.60		
10	QPSK	1	25	22.47	22.63	22.66	24	0
10	QPSK	1	49	22.51	22.66	22.55		
10	QPSK	25	0	21.60	21.77	21.70		
10	QPSK	25	12	21.51	21.57	21.64	23	1
10	QPSK	25	25	21.58	21.64	21.54		
10	QPSK	50	0	21.57	21.61	21.65		
10	16QAM	1	0	21.65	21.83	22.04		
10	16QAM	1	25	21.78	21.81	21.84	23	1
10	16QAM	1	49	21.81	21.81	21.69		
10	16QAM	25	0	20.57	20.64	20.81		
10	16QAM	25	12	20.58	20.63	20.65	22	2
10	16QAM	25	25	20.69	20.64	20.58		
10	16QAM	50	0	20.53	20.68	20.67		
10	64QAM	1	0	20.59	20.76	20.72		
10	64QAM	1	25	20.73	20.77	20.68	22	2
10	64QAM	1	49	20.70	20.70	20.59		
10	64QAM	25	0	19.40	19.62	19.83		
10	64QAM	25	12	19.58	19.61	19.63	21	3
10	64QAM	25	25	19.61	19.56	19.62		
10	64QAM	50	0	19.48	19.63	19.65		
10	256QAM	1	0	17.33	17.46	17.37		
10	256QAM	1	25	17.52	17.61	17.50	19	5
10	256QAM	1	49	17.52	17.50	17.50		
10	256QAM	25	0	17.33	17.42	17.40		
10	256QAM	25	12	17.38	17.51	17.44	19	5
10	256QAM	25	25	17.36	17.40	17.42		
10	256QAM	50	0	17.35	17.33	17.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.46	22.47	22.54		
5	QPSK	1	12	22.29	22.54	22.58	24	0
5	QPSK	1	24	22.42	22.52	22.38		
5	QPSK	12	0	21.59	21.55	21.64		
5	QPSK	12	7	21.45	21.43	21.53	23	1
5	QPSK	12	13	21.36	21.56	21.44		
5	QPSK	25	0	21.39	21.51	21.43		
5	16QAM	1	0	21.52	21.70	21.84		
5	16QAM	1	12	21.70	21.71	21.80	23	1
5	16QAM	1	24	21.65	21.67	21.56		
5	16QAM	12	0	20.40	20.45	20.59		
5	16QAM	12	7	20.36	20.45	20.61	22	2
5	16QAM	12	13	20.50	20.48	20.46		
5	16QAM	25	0	20.45	20.48	20.52		
5	64QAM	1	0	20.44	20.66	20.60		
5	64QAM	1	12	20.63	20.61	20.55	22	2
5	64QAM	1	24	20.53	20.53	20.47		
5	64QAM	12	0	19.37	19.54	19.62		
5	64QAM	12	7	19.35	19.52	19.55	21	3
5	64QAM	12	13	19.39	19.46	19.52		
5	64QAM	25	0	19.43	19.54	19.56		
5	256QAM	1	0	17.26	17.32	17.28		
5	256QAM	1	12	17.32	17.49	17.35	19	5
5	256QAM	1	24	17.41	17.38	17.36		
5	256QAM	12	0	17.30	17.36	17.17		
5	256QAM	12	7	17.24	17.41	17.33	19	5
5	256QAM	12	13	17.18	17.29	17.20		
5	256QAM	25	0	17.25	17.35	17.15		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.45	22.53	22.47		
3	QPSK	1	8	22.35	22.55	22.50	24	0
3	QPSK	1	14	22.37	22.54	22.36		
3	QPSK	8	0	21.46	21.64	21.49		
3	QPSK	8	4	21.45	21.52	21.46	23	1
3	QPSK	8	7	21.40	21.50	21.46		
3	QPSK	15	0	21.35	21.45	21.49		
3	16QAM	1	0	21.59	21.80	21.84		
3	16QAM	1	8	21.63	21.74	21.78	23	1
3	16QAM	1	14	21.73	21.66	21.65		
3	16QAM	8	0	20.45	20.63	20.67		
3	16QAM	8	4	20.36	20.44	20.60	22	2
3	16QAM	8	7	20.50	20.55	20.45		
3	16QAM	15	0	20.42	20.56	20.50		
3	64QAM	1	0	20.46	20.64	20.65		
3	64QAM	1	8	20.67	20.56	20.52	22	2
3	64QAM	1	14	20.49	20.50	20.42		
3	64QAM	8	0	19.30	19.49	19.67		
3	64QAM	8	4	19.34	19.47	19.50	21	3
3	64QAM	8	7	19.47	19.44	19.53		
3	64QAM	15	0	19.36	19.58	19.53		
3	256QAM	1	0	17.26	17.31	17.27		
3	256QAM	1	8	17.41	17.46	17.40	19	5
3	256QAM	1	14	17.40	17.42	17.41		
3	256QAM	8	0	17.30	17.34	17.27		
3	256QAM	8	4	17.27	17.42	17.27	19	5
3	256QAM	8	7	17.15	17.26	17.20		
3	256QAM	15	0	17.16	17.25	17.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.51	22.57	22.56		
1.4	QPSK	1	3	22.32	22.54	22.58		
1.4	QPSK	1	5	22.46	22.48	22.44	24	0
1.4	QPSK	3	0	22.49	22.47	22.48		
1.4	QPSK	3	1	22.26	22.53	22.49		
1.4	QPSK	3	3	22.36	22.36	22.36		
1.4	QPSK	6	0	21.44	21.53	21.43	23	1
1.4	16QAM	1	0	21.55	21.74	21.91		
1.4	16QAM	1	3	21.69	21.76	21.75		
1.4	16QAM	1	5	21.74	21.72	21.64	23	1
1.4	16QAM	3	0	21.53	21.66	21.90		
1.4	16QAM	3	1	21.61	21.74	21.68		
1.4	16QAM	3	3	21.67	21.69	21.59		
1.4	16QAM	6	0	20.44	20.55	20.50	22	2
1.4	64QAM	1	0	20.48	20.63	20.63		
1.4	64QAM	1	3	20.60	20.56	20.61		
1.4	64QAM	1	5	20.54	20.54	20.43	22	2
1.4	64QAM	3	0	20.44	20.52	20.52		
1.4	64QAM	3	1	20.54	20.52	20.50		
1.4	64QAM	3	3	20.50	20.50	20.33		
1.4	64QAM	6	0	19.34	19.55	19.50	21	3
1.4	256QAM	1	0	17.20	17.37	17.31		
1.4	256QAM	1	3	17.38	17.40	17.38		
1.4	256QAM	1	5	17.39	17.42	17.31	19	5
1.4	256QAM	3	0	17.26	17.29	17.28		
1.4	256QAM	3	1	17.28	17.34	17.30		
1.4	256QAM	3	3	17.23	17.29	17.27		
1.4	256QAM	6	0	17.22	17.20	17.11	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.96	24.14	24.12		
20	QPSK	1	49	23.95	24.10	24.06	25.5	0
20	QPSK	1	99	23.85	24.03	23.88		
20	QPSK	50	0	23.02	23.12	23.09		
20	QPSK	50	24	22.98	23.05	23.06	24.5	1
20	QPSK	50	50	22.96	23.02	22.97		
20	QPSK	100	0	22.92	23.06	23.04		
20	16QAM	1	0	23.09	23.30	23.27		
20	16QAM	1	49	23.22	23.28	23.26	24.5	1
20	16QAM	1	99	23.20	23.13	23.10		
20	16QAM	50	0	21.93	22.02	22.12		
20	16QAM	50	24	22.00	22.01	22.07	23.5	2
20	16QAM	50	50	22.02	22.05	21.96		
20	16QAM	100	0	21.96	22.01	22.03		
20	64QAM	1	0	22.00	22.20	22.20		
20	64QAM	1	49	22.05	22.16	22.11	23.5	2
20	64QAM	1	99	22.04	22.20	21.96		
20	64QAM	50	0	20.92	21.06	21.15		
20	64QAM	50	24	20.99	21.06	21.03	22.5	3
20	64QAM	50	50	21.02	21.04	20.98		
20	64QAM	100	0	20.97	21.05	21.07		
20	256QAM	1	0	18.65	18.76	18.66		
20	256QAM	1	49	18.68	18.75	18.73	20.5	5
20	256QAM	1	99	18.73	18.74	18.73		
20	256QAM	50	0	18.64	18.66	18.63		
20	256QAM	50	24	18.63	18.65	18.61	20.5	5
20	256QAM	50	50	18.65	18.66	18.58		
20	256QAM	100	0	18.53	18.64	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.92	24.02	24.10		
15	QPSK	1	37	23.84	24.08	23.97	25.5	0
15	QPSK	1	74	23.73	23.99	23.78		
15	QPSK	36	0	22.85	23.04	23.00		
15	QPSK	36	20	22.91	23.02	22.99	24.5	1
15	QPSK	36	39	22.91	22.99	22.93		
15	QPSK	75	0	22.90	22.98	22.99		
15	QPSK	75	37	23.05	23.11	23.19		
15	16QAM	1	0	23.16	23.23	23.21	24.5	1
15	16QAM	1	37	23.09	23.03	22.98		
15	16QAM	1	74	21.81	22.01	22.01		
15	16QAM	36	0	21.89	21.91	22.01	23.5	2
15	16QAM	36	20	21.89	21.89	21.93		
15	16QAM	36	39	21.88	21.95	22.00		
15	16QAM	75	0	21.91	22.19	22.18		
15	64QAM	1	0	21.99	22.14	21.99	23.5	2
15	64QAM	1	37	21.94	21.97	21.96		
15	64QAM	1	74	20.87	21.04	21.03		
15	64QAM	36	0	20.87	20.98	21.01	22.5	3
15	64QAM	36	20	20.98	20.98	20.91		
15	64QAM	36	39	20.87	20.95	21.05		
15	64QAM	75	0	18.61	18.65	18.55		
15	256QAM	1	0	18.58	18.65	18.68	20.5	5
15	256QAM	1	37	18.72	18.66	18.67		
15	256QAM	1	74	18.57	18.63	18.52		
15	256QAM	36	0	18.52	18.53	18.54	20.5	5
15	256QAM	36	20	18.64	18.61	18.66		
15	256QAM	36	39	18.69	18.63	18.50		
15	256QAM	75	0	18.69	18.63	18.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.95	24.08	24.08		
10	QPSK	1	25	23.88	24.00	24.03	25.5	0
10	QPSK	1	49	23.78	24.02	23.85		
10	QPSK	25	0	22.86	23.11	23.08		
10	QPSK	25	12	22.86	22.96	22.97	24.5	1
10	QPSK	25	25	22.86	23.01	22.85		
10	QPSK	50	0	22.88	22.97	22.99		
10	16QAM	1	0	23.10	23.30	23.24		
10	16QAM	1	25	23.19	23.14	23.23	24.5	1
10	16QAM	1	49	23.11	23.09	23.01		
10	16QAM	25	0	21.89	21.94	22.05		
10	16QAM	25	12	21.97	21.99	22.05	23.5	2
10	16QAM	25	25	21.98	21.97	21.93		
10	16QAM	50	0	21.93	21.92	22.02		
10	64QAM	1	0	21.92	22.10	22.17		
10	64QAM	1	25	21.95	22.07	22.09	23.5	2
10	64QAM	1	49	21.98	22.00	21.89		
10	64QAM	25	0	20.80	20.96	21.04		
10	64QAM	25	12	20.93	20.96	21.01	22.5	3
10	64QAM	25	25	20.86	20.93	20.93		
10	64QAM	50	0	20.84	20.96	20.99		
10	256QAM	1	0	18.58	18.67	18.54		
10	256QAM	1	25	18.57	18.64	18.72	20.5	5
10	256QAM	1	49	18.64	18.68	18.65		
10	256QAM	25	0	18.61	18.57	18.61		
10	256QAM	25	12	18.55	18.63	18.56	20.5	5
10	256QAM	25	25	18.58	18.58	18.52		
10	256QAM	50	0	18.60	18.58	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	24.07	24.02		
5	QPSK	1	12	23.84	24.09	24.02	25.5	0
5	QPSK	1	24	23.83	24.01	23.81		
5	QPSK	12	0	22.91	23.09	23.08		
5	QPSK	12	7	22.87	23.00	22.95	24.5	1
5	QPSK	12	13	22.90	22.99	22.88		
5	QPSK	25	0	22.80	23.03	22.97		
5	16QAM	1	0	23.12	23.31	23.17		
5	16QAM	1	12	23.17	23.18	23.20	24.5	1
5	16QAM	1	24	23.13	23.04	23.03		
5	16QAM	12	0	21.85	21.92	22.10		
5	16QAM	12	7	21.92	21.97	22.05	23.5	2
5	16QAM	12	13	21.99	21.99	21.86		
5	16QAM	25	0	21.95	21.95	21.97		
5	64QAM	1	0	21.94	22.16	22.08		
5	64QAM	1	12	22.00	22.04	22.02	23.5	2
5	64QAM	1	24	22.00	21.93	21.90		
5	64QAM	12	0	20.88	20.98	21.12		
5	64QAM	12	7	20.92	21.01	21.01	22.5	3
5	64QAM	12	13	20.96	20.96	20.95		
5	64QAM	25	0	20.87	20.95	21.05		
5	256QAM	1	0	18.54	18.74	18.58		
5	256QAM	1	12	18.59	18.64	18.69	20.5	5
5	256QAM	1	24	18.71	18.66	18.62		
5	256QAM	12	0	18.57	18.66	18.54		
5	256QAM	12	7	18.52	18.63	18.55	20.5	5
5	256QAM	12	13	18.58	18.60	18.56		
5	256QAM	25	0	18.62	18.66	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.95	24.13	24.03		
3	QPSK	1	8	23.91	24.06	24.03	25.5	0
3	QPSK	1	14	23.90	23.99	23.77		
3	QPSK	8	0	22.99	23.11	23.04		
3	QPSK	8	4	22.90	22.98	22.96	24.5	1
3	QPSK	8	7	22.95	22.97	22.86		
3	QPSK	15	0	22.83	23.04	22.98		
3	16QAM	1	0	22.99	23.20	23.18		
3	16QAM	1	8	23.11	23.21	23.18	24.5	1
3	16QAM	1	14	23.12	23.03	23.03		
3	16QAM	8	0	21.93	21.93	22.06		
3	16QAM	8	4	21.96	21.96	21.96	23.5	2
3	16QAM	8	7	21.98	21.96	21.94		
3	16QAM	15	0	21.95	21.90	21.94		
3	64QAM	1	0	21.94	22.14	22.17		
3	64QAM	1	8	21.97	22.02	22.09	23.5	2
3	64QAM	1	14	21.97	22.00	21.90		
3	64QAM	8	0	20.81	21.03	21.13		
3	64QAM	8	4	20.88	21.05	20.97	22.5	3
3	64QAM	8	7	20.94	20.96	20.86		
3	64QAM	15	0	20.94	21.01	20.98		
3	256QAM	1	0	18.57	18.74	18.56		
3	256QAM	1	8	18.66	18.63	18.68	20.5	5
3	256QAM	1	14	18.61	18.59	18.72		
3	256QAM	8	0	18.64	18.65	18.61		
3	256QAM	8	4	18.51	18.55	18.55	20.5	5
3	256QAM	8	7	18.61	18.59	18.68		
3	256QAM	15	0	18.61	18.59	18.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.90	24.02	24.09		
1.4	QPSK	1	3	23.84	24.00	23.94		
1.4	QPSK	1	5	23.87	23.93	23.77	25.5	0
1.4	QPSK	3	0	23.86	23.99	23.97		
1.4	QPSK	3	1	23.81	23.90	23.84		
1.4	QPSK	3	3	23.69	23.85	23.68		
1.4	QPSK	6	0	22.85	22.95	22.99	24.5	1
1.4	16QAM	1	0	23.04	23.21	23.16		
1.4	16QAM	1	3	23.18	23.17	23.19		
1.4	16QAM	1	5	23.09	23.03	22.99	24.5	1
1.4	16QAM	3	0	22.93	23.11	23.12		
1.4	16QAM	3	1	23.09	23.13	23.14		
1.4	16QAM	3	3	23.00	22.92	22.92		
1.4	16QAM	6	0	21.90	21.97	21.97	23.5	2
1.4	64QAM	1	0	22.02	22.20	22.10		
1.4	64QAM	1	3	22.02	22.05	22.06		
1.4	64QAM	1	5	21.98	21.93	21.89	23.5	2
1.4	64QAM	3	0	21.81	22.08	22.03		
1.4	64QAM	3	1	21.93	22.00	22.02		
1.4	64QAM	3	3	21.89	21.92	21.82		
1.4	64QAM	6	0	20.92	20.98	21.01	22.5	3
1.4	256QAM	1	0	18.59	18.72	18.60		
1.4	256QAM	1	3	18.64	18.73	18.63		
1.4	256QAM	1	5	18.69	18.65	18.69	20.5	5
1.4	256QAM	3	0	18.57	18.59	18.51		
1.4	256QAM	3	1	18.55	18.61	18.53		
1.4	256QAM	3	3	18.63	18.60	18.55		
1.4	256QAM	6	0	18.62	18.54	18.52	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11		
20	QPSK	1	49	21.91	22.12	22.08	23.5	0
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15		
20	QPSK	50	24	20.88	21.11	21.14	22.5	1
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40		
20	16QAM	1	49	21.15	21.34	21.35	22.5	1
20	16QAM	1	99	21.19	21.20	21.26		
20	16QAM	50

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.61	23.63	23.60	24.5	0
20	QPSK	1	49	23.58	23.61	23.59		
20	QPSK	1	99	23.58	23.59	23.56		
20	QPSK	50	0	22.84	22.88	22.77	23.5	1
20	QPSK	50	24	22.83	22.78	22.73		
20	QPSK	50	50	22.81	22.79	22.71		
20	QPSK	100	0	22.75	22.85	22.73		
20	16QAM	1	0	22.92	22.80	22.76	23.5	1
20	16QAM	1	49	22.91	22.83	22.80		
20	16QAM	1	99	22.92	22.81	22.87		
20	16QAM	50	0	21.89	21.77	21.73	22.5	2
20	16QAM	50	24	21.81	21.78	21.74		
20	16QAM	50	50	21.88	21.78	21.80		
20	16QAM	100	0	21.84	21.73	21.73		
20	64QAM	1	0	21.58	21.48	21.37	22.5	2
20	64QAM	1	49	21.56	21.45	21.37		
20	64QAM	1	99	21.56	21.46	21.46		
20	64QAM	50	0	20.85	20.72	20.70	21.5	3
20	64QAM	50	24	20.85	20.74	20.72		
20	64QAM	50	50	20.81	20.74	20.73		
20	64QAM	100	0	20.83	20.72	20.72		
20	256QAM	1	0	18.08	18.09	18.08	19.5	5
20	256QAM	1	49	17.93	18.05	17.95		
20	256QAM	1	99	18.08	18.09	18.05		
20	256QAM	50	0	17.98	18.03	17.99	19.5	5
20	256QAM	50	24	17.97	18.05	17.93		
20	256QAM	50	50	17.96	18.01	17.98		
20	256QAM	100	0	17.83	17.95	17.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.49	23.59	23.59	24.5	0
15	QPSK	1	37	23.52	23.58	23.51		
15	QPSK	1	74	23.52	23.51	23.51		
15	QPSK	36	0	22.76	22.83	22.74	23.5	1
15	QPSK	36	20	22.82	22.71	22.61		
15	QPSK	36	39	22.74	22.73	22.64		
15	QPSK	75	0	22.63	22.83	22.69		
15	16QAM	1	0	22.80	22.74	22.72	23.5	1
15	16QAM	1	37	22.80	22.82	22.79		
15	16QAM	1	74	22.85	22.72	22.82		
15	16QAM	36	0	21.77	21.73	21.62	22.5	2
15	16QAM	36	20	21.78	21.68	21.63		
15	16QAM	36	39	21.79	21.74	21.77		
15	16QAM	75	0	21.82	21.65	21.66		
15	64QAM	1	0	21.49	21.37	21.35	22.5	2
15	64QAM	1	37	21.50	21.38	21.36		
15	64QAM	1	74	21.49	21.39	21.47		
15	64QAM	36	0	20.77	20.63	20.63	21.5	3
15	64QAM	36	20	20.74	20.67	20.68		
15	64QAM	36	39	20.76	20.73	20.71		
15	64QAM	75	0	20.79	20.70	20.67		
15	256QAM	1	0	18.04	18.08	18.00	19.5	5
15	256QAM	1	37	17.92	18.00	17.92		
15	256QAM	1	74	17.98	18.08	17.95		
15	256QAM	36	0	17.89	18.02	17.93	19.5	5
15	256QAM	36	20	17.92	18.04	17.83		
15	256QAM	36	39	17.95	17.98	17.87		
15	256QAM	75	0	17.80	17.85	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.53	23.52	23.70	24.5	0
10	QPSK	1	25	23.46	23.52	23.55		
10	QPSK	1	49	23.51	23.58	23.45		
10	QPSK	25	0	22.72	22.78	22.66	23.5	1
10	QPSK	25	12	22.71	22.77	22.69		
10	QPSK	25	25	22.77	22.78	22.66		
10	QPSK	50	0	22.65	22.84	22.63		
10	16QAM	1	0	22.91	22.78	22.66	23.5	1
10	16QAM	1	25	22.83	22.77	22.68		
10	16QAM	1	49	22.89	22.69	22.75		
10	16QAM	25	0	21.85	21.66	21.64	22.5	2
10	16QAM	25	12	21.71	21.69	21.62		
10	16QAM	25	25	21.78	21.75	21.68		
10	16QAM	50	0	21.72	21.68	21.61		
10	64QAM	1	0	21.53	21.44	21.25	22.5	2
10	64QAM	1	25	21.53	21.42	21.25		
10	64QAM	1	49	21.51	21.36	21.37		
10	64QAM	25	0	20.74	20.65	20.64	21.5	3
10	64QAM	25	12	20.76	20.71	20.70		
10	64QAM	25	25	20.74	20.70	20.71		
10	64QAM	50	0	20.81	20.62	20.65		
10	256QAM	1	0	17.97	18.00	18.07	19.5	5
10	256QAM	1	25	17.91	18.00	17.89		
10	256QAM	1	49	17.96	17.98	17.99		
10	256QAM	25	0	17.95	18.00	17.91	19.5	5
10	256QAM	25	12	17.90	17.93	17.81		
10	256QAM	25	25	17.89	17.94	17.87		
10	256QAM	50	0	17.80	17.86	17.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.49	23.53	23.54	24.5	0
5	QPSK	1	12	23.46	23.55	23.52		
5	QPSK	1	24	23.55	23.55	23.51		
5	QPSK	12	0	22.79	22.87	22.72	23.5	1
5	QPSK	12	7	22.72	22.71	22.65		
5	QPSK	12	13	22.75	22.75	22.59		
5	QPSK	25	0	22.71	22.84	22.65		
5	16QAM	1	0	22.86	22.71	22.74	23.5	1
5	16QAM	1	12	22.87	22.71	22.78		
5	16QAM	1	24	22.90	22.69	22.76		
5	16QAM	12	0	21.81	21.74	21.65	22.5	2
5	16QAM	12	7	21.70	21.74	21.70		
5	16QAM	12	13	21.81	21.72	21.71		
5	16QAM	25	0	21.62	21.61	21.68		
5	64QAM	1	0	21.55	21.36	21.33	22.5	2
5	64QAM	1	12	21.49	21.39	21.36		
5	64QAM	1	24	21.44	21.36	21.36		
5	64QAM	12	0	20.83	20.64	20.65	21.5	3
5	64QAM	12	7	20.83	20.63	20.70		
5	64QAM	12	13	20.73	20.69	20.73		
5	64QAM	25	0	20.82	20.65	20.66		
5	256QAM	1	0	17.98	18.04	17.97	19.5	5
5	256QAM	1	12	17.87	17.96	17.94		
5	256QAM	1	24	17.97	18.04	17.99		
5	256QAM	12	0	17.87	17.92	17.97	19.5	5
5	256QAM	12	7	17.92	17.97	17.84		
5	256QAM	12	13	17.89	17.93	17.89		
5	256QAM	25	0	17.81	17.92	17.72		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.82	24.88	24.85	25.7	0
20	QPSK	1	49	24.80	24.79	24.71		
20	QPSK	1	99	24.80	24.80	24.84		
20	QPSK	50	0	24.11	24.12	23.95	24.7	1
20	QPSK	50	24	24.06	23.95	23.91		
20	QPSK	50	50	23.96	23.97	23.80		
20	QPSK	100	0	23.99	24.07	23.89		
20	16QAM	1	0	24.15	24.03	23.94	24.7	1
20	16QAM	1	49	24.14	24.00	23.96		
20	16QAM	1	99	24.11	23.99	24.05		
20	16QAM	50	0	23.12	22.93	22.86	23.7	2
20	16QAM	50	24	23.05	22.95	22.92		
20	16QAM	50	50	23.09	22.97	22.96		
20	16QAM	100	0	23.09	22.95	22.88		
20	64QAM	1	0	22.83	22.65	22.54	23.7	2
20	64QAM	1	49	22.81	22.65	22.54		
20	64QAM	1	99	22.77	22.64	22.66		
20	64QAM	50	0	22.10	21.94	21.85	22.7	3
20	64QAM	50	24	22.04	21.93	21.90		
20	64QAM	50	50	22.08	21.94	21.91		
20	64QAM	100	0	22.07	21.92	21.87		
20	256QAM	1	0	19.58	19.62	19.60	20.7	5
20	256QAM	1	49	19.46	19.54	19.45		
20	256QAM	1	99	19.45	19.55	19.47		
20	256QAM	50	0	19.47	19.57	19.45	20.7	5
20	256QAM	50	24	19.55	19.56	19.55		
20	256QAM	50	50	19.48	19.49	19.43		
20	256QAM	100	0	19.45	19.50	19.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.75	24.80	24.82	25.7	0
15	QPSK	1	37	24.74	24.67	24.63		
15	QPSK	1	74	24.71	24.71	24.76		
15	QPSK	36	0	24.10	24.03	23.87	24.7	1
15	QPSK	36	20	23.94	23.85	23.81		
15	QPSK	36	39	23.85	23.92	23.77		
15	QPSK	75	0	23.92	24.05	23.82		
15	16QAM	1	0	24.12	23.95	23.82	24.7	1
15	16QAM	1	37	24.11	23.98	23.91		
15	16QAM	1	74	24.06	23.95	23.96		
15	16QAM	36	0	23.00	22.93	22.78	23.7	2
15	16QAM	36	20	22.99	22.93	22.90		
15	16QAM	36	39	22.97	22.95	22.89		
15	16QAM	75	0	23.00	22.94	22.76		
15	64QAM	1	0	22.71	22.57	22.43	23.7	2
15	64QAM	1	37	22.70	22.53	22.46		
15	64QAM	1	74	22.76	22.52	22.60		
15	64QAM	36	0	22.09	21.82	21.73	22.7	3
15	64QAM	36	20	22.00	21.91	21.86		
15	64QAM	36	39	21.99	21.94	21.83		
15	64QAM	75	0	22.02	21.83	21.78		
15	256QAM	1	0	19.57	19.57	19.57	20.7	5
15	256QAM	1	37	19.34	19.42	19.33		
15	256QAM	1	74	19.34	19.44	19.35		
15	256QAM	36	0	19.45	19.53	19.36	20.7	5
15	256QAM	36	20	19.44	19.44	19.47		
15	256QAM	36	39	19.43	19.43	19.38		
15	256QAM	75	0	19.33	19.42	19.41		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	24.70	24.80	24.75	25.7	0
10	QPSK	1	25	24.79	24.73	24.69		
10	QPSK	1	49	24.76	24.71	24.80		
10	QPSK	25	0	23.99	24.07	23.88	24.7	1
10	QPSK	25	12	23.97	23.83	23.81		
10	QPSK	25	25	23.89	23.85	23.81		
10	QPSK	50	0	23.91	23.99	23.88		
10	16QAM	1	0	24.08	24.00	23.92	24.7	1
10	16QAM	1	25	24.07	23.91	23.94		
10	16QAM	1	49	24.06	23.96	23.93		
10	16QAM	25	0	23.06	22.86	22.82	23.7	2
10	16QAM	25	13	22.99	22.94	22.88		
10	16QAM	25	25	22.98	22.93	22.86		
10	16QAM	50	0	23.00	22.86	22.77		
10	64QAM	1	0	22.80	22.59	22.49	23.7	2
10	64QAM	1	25	22.76	22.63	22.49		
10	64QAM	1	49	22.68	22.52	22.59		
10	64QAM	25	0	21.98	21.93	21.81	22.7	3
10	64QAM	25	12	22.01	21.87	21.80		
10	64QAM	25	25	22.04	21.92	21.84		
10	64QAM	50	0	22.01	21.88	21.83		
10	256QAM	1	0	19.53	19.50	19.56	20.7	5
10	256QAM	1	25	19.41	19.42	19.38		
10	256QAM	1	49	19.35	19.45	19.37		
10	256QAM	25	0	19.41	19.52	19.33	20.7	5
10	256QAM	25	12	19.46	19.45	19.46		
10	256QAM	25	25	19.47	19.37	19.37		
10	256QAM	50	0	19.41	19.46	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.76	24.80	24.82	25.7	0
5	QPSK	1	12	24.68	24.72	24.69		
5	QPSK	1	24	24.77	24.73	24.78		
5	QPSK	12	0	24.01	24.09	23.87	24.7	1
5	QPSK	12	7	24.05	23.86	23.87		
5	QPSK	12	13	23.94	23.90	23.81		
5	QPSK	25	0	23.91	24.04	23.86		
5	16QAM	1	0	24.07	23.92	23.88	24.7	1
5	16QAM	1	12	24.04	23.93	23.90		
5	16QAM	1	24	23.99	23.97	24.03		
5	16QAM	12	0	23.00	22.92	22.75	23.7	2
5	16QAM	12	7	22.94	22.88	22.82		
5	16QAM	12	13	23.01	22.90	22.90		
5	16QAM	25	0	23.08	22.89	22.78		
5	64QAM	1	0	22.75	22.54	22.52	23.7	2
5	64QAM	1	12	22.73	22.63	22.53		
5	64QAM	1	24	22.74	22.64	22.68		
5	64QAM	12	0	22.09	21.85	21.77	22.7	3
5	64QAM	12	7	22.02	21.82	21.87		
5	64QAM	12	13	21.99	21.89	21.82		
5	64QAM	25	0	22.00	21.88	21.79		
5	256QAM	1	0	19.50	19.56	19.52	20.7	5
5	256QAM	1	12	19.45	19.47	19.43		
5	256QAM	1	24	19.42	19.52	19.38		
5	256QAM	12	0	19.46	19.47	19.34	20.7	5
5	256QAM	12	7	19.52	19.51	19.50		
5	256QAM	12	13	19.41	19.44	19.41		
5	256QAM	25	0	19.36	19.43	19.37		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.67	23.68	23.63	24.5	0
20	QPSK	1	49	23.63	23.58	23.58		
20	QPSK	1	99	23.60	23.55	23.57		
20	QPSK	50	0	22.88	22.76	22.69	23.5	1
20	QPSK	50	24	22.65	22.68	22.61		
20	QPSK	50	50	22.66	22.67	22.64		
20	QPSK	100	0	22.72	22.78	22.73		
20	16QAM	1	0	22.80	22.74	22.74	23.5	1
20	16QAM	1	49	22.82	22.76	22.75		
20	16QAM	1	99	22.84	22.80	22.90		
20	16QAM	50	0	21.79	21.71	21.68	22.5	2
20	16QAM	50	24	21.75	21.74	21.74		
20	16QAM	50	50	21.80	21.74	21.77		
20	16QAM	100	0	21.79	21.71	21.72		
20	64QAM	1	0	21.49	21.41	21.36	22.5	2
20	64QAM	1	49	21.48	21.42	21.38		
20	64QAM	1	99	21.52	21.45	21.50		
20	64QAM	50	0	20.75	20.65	20.67	21.5	3
20	64QAM	50	24	20.73	20.72	20.73		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.75	20.71	20.70		
20	256QAM	1	0	17.89	17.96	17.88	19.5	5
20	256QAM	1	49	17.83	17.88	17.76		
20	256QAM	1	99	17.94	17.95	17.89		
20	256QAM	50	0	17.83	17.91	17.80	19.5	5
20	256QAM	50	24	17.82	17.85	17.73		
20	256QAM	50	50	17.81	17.83	17.80		
20	256QAM	100	0	17.80	17.83	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.63	23.53	24.5	0
15	QPSK	1	37	23.62	23.50	23.51		
15	QPSK	1	74	23.55	23.50	23.56		
15	QPSK	36	0	22.64	22.69	22.57	23.5	1
15	QPSK	36	20	22.60	22.61	22.51		
15	QPSK	36	39	22.60	22.64	22.60		
15	QPSK	75	0	22.61	22.75	22.69		
15	16QAM	1	0	22.69	22.73	22.73	23.5	1
15	16QAM	1	37	22.71	22.71	22.68		
15	16QAM	1	74	22.82	22.69	22.83		
15	16QAM	36	0	21.77	21.69	21.62	22.5	2
15	16QAM	36	20	21.64	21.70	21.69		
15	16QAM	36	39	21.75	21.72	21.72		
15	16QAM	75	0	21.77	21.64	21.71		
15	64QAM	1	0	21.44	21.33	21.31	22.5	2
15	64QAM	1	37	21.44	21.37	21.35		
15	64QAM	1	74	21.47	21.33	21.41		
15	64QAM	36	0	20.73	20.59	20.60	21.5	3
15	64QAM	36	20	20.69	20.65	20.62		
15	64QAM	36	39	20.69	20.72	20.65		
15	64QAM	75	0	20.66	20.64	20.65		
15	256QAM	1	0	17.77	17.89	17.77	19.5	5
15	256QAM	1	37	17.72	17.82	17.74		
15	256QAM	1	74	17.82	17.94	17.77		
15	256QAM	36	0	17.72	17.87	17.76	19.5	5
15	256QAM	36	20	17.72	17.84	17.72		
15	256QAM	36	39	17.72	17.79	17.78		
15	256QAM	75	0	17.71	17.78	17.66		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.58	23.68	23.62	24.5	0
10	QPSK	1	25	23.58	23.55	23.52		
10	QPSK	1	49	23.57	23.45	23.52		
10	QPSK	25	0	22.62	22.69	22.64	23.5	1
10	QPSK	25	12	22.64	22.62	22.52		
10	QPSK	25	25	22.56	22.57	22.55		
10	QPSK	50	0	22.60	22.67	22.69		
10	16QAM	1	0	22.74	22.64	22.65	23.5	1
10	16QAM	1	25	22.78	22.65	22.69		
10	16QAM	1	49	22.78	22.77	22.85		
10	16QAM	25	0	21.75	21.64	21.66	22.5	2
10	16QAM	25	12	21.73	21.71	21.70		
10	16QAM	25	25	21.72	21.63	21.76		
10	16QAM	50	0	21.77	21.63	21.69		
10	64QAM	1	0	21.39	21.29	21.27	22.5	2
10	64QAM	1	25	21.47	21.34	21.33		
10	64QAM	1	49	21.41	21.40	21.43		
10	64QAM	25	0	20.65	20.65	20.55	21.5	3
10	64QAM	25	12	20.72	20.60	20.64		
10	64QAM	25	25	20.79	20.72	20.74		
10	64QAM	50	0	20.67	20.61	20.68		
10	256QAM	1	0	17.78	17.84	17.84	19.5	5
10	256QAM	1	25	17.72	17.80	17.71		
10	256QAM	1	49	17.88	17.94	17.88		
10	256QAM	25	0	17.75	17.85	17.70	19.5	5
10	256QAM	25	12	17.80	17.81	17.64		
10	256QAM	25	25	17.72	17.82	17.73		
10	256QAM	50	0	17.72	17.77	17.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.61	23.51	24.5	0
5	QPSK	1	12	23.56	23.49	23.47		
5	QPSK	1	24	23.59	23.48	23.48		
5	QPSK	12	0	22.65	22.61	22.63	23.5	1
5	QPSK	12	7	22.57	22.63	22.51		
5	QPSK	12	13	22.58	22.57	22.56		
5	QPSK	25	0	22.63	22.68	22.70		
5	16QAM	1	0	22.68	22.69	22.62	23.5	1
5	16QAM	1	12	22.72	22.66	22.67		
5	16QAM	1	24	22.75	22.71	22.82		
5	16QAM	12	0	21.78	21.67	21.57	22.5	2
5	16QAM	12	7	21.69	21.62	21.73		
5	16QAM	12	13	21.75	21.67	21.73		
5	16QAM	25	0	21.76	21.67	21.74		
5	64QAM	1	0	21.43	21.37	21.29	22.5	2
5	64QAM	1	12	21.44	21.39	21.32		
5	64QAM	1	24	21.43	21.35	21.47		
5	64QAM	12	0	20.73	20.67	20.64	21.5	3
5	64QAM	12	7	20.64	20.64	20.64		
5	64QAM	12	13	20.70	20.62	20.68		
5	64QAM	25	0	20.64	20.66	20.61		
5	256QAM	1	0	17.82	17.90	17.79	19.5	5
5	256QAM	1	12	17.82	17.77	17.71		
5	256QAM	1	24	17.85	17.87	17.83		
5	256QAM	12	0	17.81	17.88	17.69	19.5	5
5	256QAM	12	7	17.75	17.81	17.64		
5	256QAM	12	13	17.78	17.80	17.68		
5	256QAM	25	0	17.79	17.79	17.63		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.00	23.20	23.11	23.7	0
20	QPSK	1	49	22.92	23.07	22.96		
20	QPSK	1	99	22.99	22.94	23.04		
20	QPSK	50	0	23.02	23.12	23.05	23.7	0
20	QPSK	50	24	23.01	23.01	23.04		
20	QPSK	50	50	22.88	23.02	22.94		
20	QPSK	100	0	23.05	23.07	22.96		
20	16QAM	1	0	22.87	23.12	22.92	23.7	0
20	16QAM	1	49	23.10	23.07	22.99		
20	16QAM	1	99	22.99	22.95	23.06		
20	16QAM	50

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.69	23.70	23.57	23.64	24.5	0
20	QPSK	1	49	23.62	23.53	23.66	23.56	23.61		
20	QPSK	1	99	23.65	23.48	23.68	23.52	23.41		
20	QPSK	50	0	22.86	22.82	22.94	22.81	22.88		
20	QPSK	50	24	22.85	22.75	22.83	22.79	22.78	23.5	1
20	QPSK	50	50	22.89	22.73	22.89	22.80	22.81		
20	QPSK	100	0	22.64	22.75	22.69	22.60	22.64		
20	16QAM	1	0	22.84	22.76	22.81	22.77	23.01		
20	16QAM	1	49	22.89	22.77	22.89	22.81	22.86	23.5	1
20	16QAM	1	99	22.95	22.92	22.92	22.82	22.66		
20	16QAM	50	0	21.90	21.72	21.82	21.81	21.96		
20	16QAM	50	24	21.90	21.75	21.83	21.82	21.88	22.5	2
20	16QAM	50	50	22.00	21.84	21.90	21.83	21.81		
20	16QAM	100	0	21.90	21.73	21.85	21.82	21.85		
20	64QAM	1	0	21.55	21.44	21.54	21.46	21.70		
20	64QAM	1	49	21.60	21.46	21.59	21.52	21.56	22.5	2
20	64QAM	1	99	21.65	21.63	21.62	21.53	21.37		
20	64QAM	50	0	20.70	20.70	20.77	20.72	20.92		
20	64QAM	50	24	20.86	20.73	20.79	20.78	20.83	21.5	3
20	64QAM	50	50	20.95	20.80	20.85	20.78	20.77		
20	64QAM	100	0	20.88	20.73	20.83	20.79	20.83		
20	256QAM	1	0	18.10	18.05	18.13	18.04	18.06		
20	256QAM	1	49	18.02	18.03	18.05	18.01	18.02	19.5	5
20	256QAM	1	99	17.99	18.05	18.11	18.08	18.08		
20	256QAM	50	0	17.99	18.01	18.06	18.03	18.05		
20	256QAM	50	24	17.96	18.04	18.06	18.05	18.05	19.5	5
20	256QAM	50	50	17.95	18.01	18.05	17.96	17.93		
20	256QAM	100	0	17.92	17.93	17.98	17.95	17.92		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.64	23.62	23.65	23.47	23.53	24.5	0
15	QPSK	1	37	23.58	23.49	23.63	23.46	23.54		
15	QPSK	1	74	23.62	23.41	23.56	23.51	23.32		
15	QPSK	36	0	22.69	22.75	22.90	22.69	22.61		
15	QPSK	36	20	22.79	22.67	22.73	22.74	22.72	23.5	1
15	QPSK	36	39	22.77	22.64	22.84	22.73	22.72		
15	QPSK	75	0	22.75	22.74	22.86	22.76	22.82		
15	16QAM	1	0	22.80	22.69	22.75	22.70	22.93		
15	16QAM	1	37	22.82	22.73	22.88	22.77	22.74	23.5	1
15	16QAM	1	74	22.91	22.90	22.82	22.76	22.57		
15	16QAM	36	0	21.70	21.67	21.81	21.75	21.95		
15	16QAM	36	20	21.80	21.68	21.81	21.76	21.79	22.5	2
15	16QAM	36	39	21.89	21.78	21.89	21.71	21.69		
15	16QAM	75	0	21.89	21.65	21.74	21.81	21.73		
15	64QAM	1	0	21.48	21.39	21.47	21.41	21.62		
15	64QAM	1	37	21.56	21.36	21.54	21.50	21.47	22.5	2
15	64QAM	1	74	21.61	21.53	21.50	21.43	21.30		
15	64QAM	36	0	20.70	20.67	20.72	20.68	20.85		
15	64QAM	36	20	20.79	20.71	20.75	20.72	20.71	21.5	3
15	64QAM	36	39	20.93	20.70	20.85	20.72	20.66		
15	64QAM	75	0	20.82	20.69	20.80	20.69	20.82		
15	256QAM	1	0	18.04	17.95	18.04	18.02	17.97		
15	256QAM	1	37	17.97	18.02	17.95	18.02	17.96	19.5	5
15	256QAM	1	74	17.90	17.98	18.06	17.96	17.97		
15	256QAM	36	0	17.88	17.94	18.04	18.00	18.01		
15	256QAM	36	20	17.97	17.99	17.95	18.02	17.95	19.5	5
15	256QAM	36	39	17.85	17.92	17.93	17.94	17.92		
15	256QAM	75	0	17.85	17.92	17.96	17.87	17.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.63	23.68	23.67	23.61	23.52	24.5	0
10	QPSK	1	25	23.55	23.44	23.57	23.47	23.59		
10	QPSK	1	49	23.62	23.45	23.58	23.48	23.29		
10	QPSK	25	0	22.84	22.72	22.79	22.76	22.80		
10	QPSK	25	12	22.80	22.75	22.81	22.77	22.66	23.5	1
10	QPSK	25	25	22.81	22.62	22.77	22.73	22.78		
10	QPSK	50	0	22.79	22.71	22.85	22.74	22.79		
10	16QAM	1	0	22.76	22.67	22.69	22.67	22.96		
10	16QAM	1	25	22.79	22.73	22.84	22.75	22.85	23.5	1
10	16QAM	1	49	22.88	22.81	22.85	22.71	22.64		
10	16QAM	25	0	21.68	21.63	21.76	21.71	21.95		
10	16QAM	25	12	21.78	21.68	21.72	21.80	21.77	22.5	2
10	16QAM	25	25	21.78	21.79	21.88	21.80	21.80		
10	16QAM	50	0	21.79	21.68	21.80	21.81	21.79		
10	64QAM	1	0	21.52	21.39	21.53	21.39	21.61		
10	64QAM	1	25	21.49	21.39	21.51	21.42	21.53	22.5	2
10	64QAM	1	49	21.62	21.60	21.52	21.51	21.27		
10	64QAM	25	0	20.74	20.60	20.69	20.65	20.88		
10	64QAM	25	12	20.81	20.72	20.76	20.72	20.79	21.5	3
10	64QAM	25	25	20.86	20.74	20.82	20.76	20.65		
10	64QAM	50	0	20.86	20.61	20.82	20.67	20.82		
10	256QAM	1	0	18.02	17.96	18.08	17.98	18.03		
10	256QAM	1	25	17.92	17.97	18.01	17.94	18.01	19.5	5
10	256QAM	1	49	17.96	18.04	18.10	18.00	18.00		
10	256QAM	25	0	17.88	17.90	17.99	18.00	18.02		
10	256QAM	25	12	17.86	18.03	17.99	17.95	18.02	19.5	5
10	256QAM	25	25	17.90	17.90	17.95	17.90	17.94		
10	256QAM	50	0	17.84	17.86	17.95	17.83	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.59	23.57	23.62	23.55	23.52	24.5	0
5	QPSK	1	12	23.53	23.45	23.62	23.52	23.60		
5	QPSK	1	24	23.55	23.42	23.58	23.44	23.37		
5	QPSK	12	0	22.78	22.71	22.87	22.71	22.85		
5	QPSK	12	7	22.76	22.68	22.74	22.77	22.74	23.5	1
5	QPSK	12	13	22.88	22.63	22.77	22.79	22.71		
5	QPSK	25	0	22.73	22.66	22.88	22.73	22.72		
5	16QAM	1	0	22.79	22.65	22.76	22.74	22.99		
5	16QAM	1	12	22.77	22.65	22.79	22.76	22.76	23.5	1
5	16QAM	1	24	22.89	22.66	22.82	22.81	22.73		
5	16QAM	12	0	21.69	21.62	21.73	21.78	21.90		
5	16QAM	12	7	21.89	21.71	21.82	21.76	21.79	22.5	2
5	16QAM	12	13	21.89	21.79	21.81	21.82	21.79		
5	16QAM	25	0	21.84	21.62	21.73	21.81	21.81		
5	64QAM	1	0	21.50	21.42	21.50	21.36	21.68		
5	64QAM	1	12	21.56	21.43	21.49	21.40	21.51	22.5	2
5	64QAM	1	24	21.56	21.62	21.50	21.42	21.30		
5	64QAM	12	0	20.74	20.60	20.69	20.74	20.88		
5	64QAM	12	7	20.75	20.63	20.76	20.72	20.76	21.5	3
5	64QAM	12	13	20.88	20.78	20.80	20.74	20.67		
5	64QAM	25	0	20.86	20.68	20.75	20.71	20.77		
5	256QAM	1	0	18.07	17.97	18.08	17.92	18.04		
5	256QAM	1	12	17.92	17.92	17.94	17.97	18.01	19.5	5
5	256QAM	1	24	17.96	17.99	18.07	18.02	18.01		
5	256QAM	12	0	17.92	17.92	18.01	17.96	18.03		
5	256QAM	12	7	17.85	17.93	17.96	17.96	17.99	19.5	5
5	256QAM	12	13	17.85	17.93	17.97	17.84	17.82		
5	256QAM	25	0	17.83	17.83	17.87	17.90	17.89		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.82	24.85	24.89	24.82	24.86	25.7	0
20	QPSK	1	49	24.79	24.74	24.80	24.76	24.75		
20	QPSK	1	99	24.80	24.67	23.95	24.75	24.69		
20	QPSK	50	0	24.05	24.04	24.12	24.02	24.06		
20	QPSK	50	24	23.97	23.96	23.98	24.01	24.01	24.7	1
20	QPSK	50	50	24.01	23.98	24.08	24.00	24.03		
20	QPSK	100	0	24.00	23.96	24.05	23.99	24.02		
20	16QAM	1	0	24.02	23.94	24.02	23.94	24.45		
20	16QAM	1	49	24.04	23.98	24.07	24.00	24.38	24.7	1
20	16QAM	1	99	24.09	24.15	24.06	24.07	24.23		
20	16QAM	50	0	22.90	22.95	22.99	23.01	23.41		
20	16QAM	50	24	23.04	22.96	22.99	23.01	23.39	23.7	2
20	16QAM	50	50	23.14	23.03	23.06	23.03	23.34		
20	16QAM	100	0	23.06	22.96	23.02	22.99	23.36		
20	64QAM	1	0	22.73	22.83	22.73	22.64	23.16		
20	64QAM	1	49	22.74	22.67	22.75	22.72	23.09	23.7	2
20	64QAM	1	99	22.75	22.65	22.75	22.75	22.95		
20	64QAM	50	0	21.95	21.92	21.96	21.98	22.39		
20	64QAM	50	24	22.01	21.94	21.96	21.97	22.34	22.7	3
20	64QAM	50	50	22.12	22.00	22.05	21.99	22.32		
20	64QAM	100	0	22.02	21.94	21.97	21.96	22.36		
20	256QAM	1	0	19.87	19.83	19.71	19.61	19.70		
20	256QAM	1	49	19.68	19.74	19.75	19.72	19.72	20.7	5
20	256QAM	1	99	19.79	19.76	19.85	19.83	19.75		
20	256QAM	50	0	19.58	19.64	19.65	19.56	19.63		
20	256QAM	50	24	19.68	19.66	19.77	19.69	19.75	20.7	5
20	256QAM	50	50	19.57	19.65	19.68	19.62	19.57		
20	256QAM	100	0	19.52	19.55	19.62	19.61	19.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.76	24.73	24.79	24.76	24.83	25.7	0
15	QPSK	1	37	24.71	24.64	24.71	24.70	24.68		
15	QPSK	1	74	24.77	24.63	23.90	24.65	24.64		
15	QPSK	36	0	23.93	23.95	24.02	23.93	23.98		
15	QPSK	36	20	23.86	23.84	23.91	23.94	23.95	24.7	1
15	QPSK	36	39	23.93	23.9	24.00	23.95	24.00		
15	QPSK	75	0	23.98	23.88	24.02	23.94	24.00		
15	16QAM	1	0	23.99	23.93	24.00	23.83	24.41		
15	16QAM	1	37	23.95	23.88	24.04	23.98	24.28	24.7	1
15	16QAM	1	74	24.06	24.06	23.95	24.01	24.19		
15	16QAM	36	0	22.94	22.87	22.90	22.95	23.31		
15	16QAM	36	20	23.01	22.94	22.95	22.97	23.37	23.7	2
15	16QAM	36	39	23.05	22.94	22.98	23.02	23.27		
15	16QAM	75	0	23.03	22.94	22.90	22.98	23.33		
15	64QAM	1	0	22.61	22.55	22.67	22.53	23.04		
15	64QAM	1	37	22.76	22.59	22.71	22.62	23.06	23.7	2
15	64QAM	1	74	22.74	22.74	22.73	22.71	22.94		
15	64QAM	36	0	21.84	21.8	21.89	21.86	22.38		
15	64QAM	36	20	21.94	21.85	21.86	21.92	22.23	22.7	3
15	64QAM	36	39	22.08	21.98	22.00	21.94	22.26		
15	64QAM	75	0	21.93	21.82	21.87	21.95	22.34		
15	256QAM	1	0	19.63	19.54	19.63	19.56	19.58		
15	256QAM	1	37	19.67	19.71	19.73	19.70	19.68	20.7	5
15	256QAM	1	74	19.78	19.65	19.78	19.79	19.72		
15	256QAM	36	0	19.53	19.53	19.64	19.47	19.60		
15	256QAM	36	20	19.59	19.62	19.69	19.68	19.72	20.7	5
15	256QAM	36	39	19.52	19.55	19.62	19.60	19.45		
15	256QAM	75	0	19.47	19.52	19.61	19.60	19.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.79	24.81	24.80	24.73	24.82	25.7	0
10	QPSK	1	25	24.71	24.71	24.68	24.72	24.73		
10	QPSK	1	49	24.77	24.56	23.91	24.73	24.68		
10	QPSK	25	0	23.99	23.95	24.08	23.90	24.02		
10	QPSK	25	12	23.87	23.91	23.95	23.96	23.96	24.7	1
10	QPSK	25	25	23.97	23.92	24.06	23.96	23.92		
10	QPSK	50	0	23.90	23.94	24.01	23.96	23.95		
10	16QAM	1	0	24.01	23.91	23.90	23.88	24.43		
10	16QAM	1	25	23.97	23.96	23.95	23.94	24.27	24.7	1
10	16QAM	1	49	24.03	24.13	23.94	23.98	24.11		
10	16QAM	25	0	22.87	22.87	22.88	22.89	23.39		
10	16QAM	25	12	23.01	22.92	22.98	22.89	23.35	23.7	2
10	16QAM	25	25	23.02	22.99	23.03	23.01	23.32		
10	16QAM	50	0	23.00	22.86	22.90	22.94	23.26		
10	64QAM	1	0	22.63	22.56	22.65	22.52	23.14		
10	64QAM	1	25	22.65	22.61	22.67	22.69	23.05	23.7	2
10	64QAM	1	49	22.67	22.83	22.73	22.69	22.86		
10	64QAM	25	0	21.94	21.86	21.88	21.90	22.36		
10	64QAM	25	12	21.96	21.87	21.88	21.96	22.22	22.7	3
10	64QAM	25	25	22.07	21.98	21.96	21.91	22.31		
10	64QAM	50	0	21.94	21.88	21.86	21.93	22.27		
10	256QAM	1	0	19.62	19.54	19.67	19.51	19.63		
10	256QAM	1	25	19.63	19.68	19.73	19.62	19.70	20.7	5
10	256QAM	1	49	19.69	19.72	19.79	19.78	19.70		
10	256QAM	25	0	19.57	19.61	19.57	19.46	19.60		
10	256QAM	25	12	19.61	19.63	19.66	19.68	19.65	20.7	5
10	256QAM	25	25	19.45	19.56	19.61	19.55	19.47		
10	256QAM	50	0	19.42	19.52	19.59	19.54	19.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.79	24.81	24.79	24.76	25.7	0
5	QPSK	1	12	24.76	24.64	24.74	24.68	24.68		
5	QPSK	1	24	24.72	24.64	23.90	24.69	24.67		
5	QPSK	12	0	24.03	23.97	24.03	24.00	24.01		
5	QPSK	12	7	23.93	23.93	23.89	24.00	23.94	24.7	1
5	QPSK	12	13	23.96	23.96	24.06	23.94	23.94		
5	QPSK	25	0	23.97	23.92	23.97	23.94	23.93		
5	16QAM	1	0	24.01	23.87	23.96	23.89	24.35		
5	16QAM	1	12	24.01	23.94	24.01	23.97	24.28	24.7	1
5	16QAM	1	24	23.98	24.10	23.96	24.03	24.10		
5	16QAM	12	0	22.93	22.91	22.88	22.95	23.34		
5	16QAM	12	7	23.03	22.87	22.87	22.97	23.36	23.7	2
5	16QAM	12	13	23.12	22.92	23.01	22.98	23.27		
5	16QAM	25	0	22.97	22.90	23.01	22.97	23.28		
5	64QAM	1	0	22.68	22.59	22.70	22.58	23.13		
5	64QAM	1	12	22.73	22.62	22.68	22.60	23.06	23.7	2
5	64QAM	1	24	22.77	22.73	22.71	22.64	22.91		
5	64QAM	12	0	21.88	21.90	21.86	21.90	22.35		
5	64QAM	12	7	21.98	21.91	21.86	21.90	22.24	22.7	3
5	64QAM	12	13	22.03	21.94	21.97	21.87	22.24		
5	64QAM	25	0	21.97	21.90	21.89	21.91	22.31		
5	256QAM	1	0	19.62	19.53	19.61	19.58	19.62		
5	256QAM	1	12	19.56	19.70	19.67	19.70	19.71	20.7	5
5	256QAM	1	24	19.72	19.64	19.82	19.80	19.67		
5	256QAM	12	0	19.52	19.58	19.56	19.54	19.62		
5	256QAM	12	7	19.57	19.59	19.76	19.59	19.74	20.7	5
5	256QAM	12	13	19.56	19.60	19.65	19.53	19.53		
5	256QAM	25	0	19.42	19.47	19.54	19.52	19.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.60	23.56	23.69	23.52	23.63	24.5	0
20	QPSK	1	49	23.54	23.36	23.61	23.50	23.51		
20	QPSK	1	99	23.56	23.31	23.64	23.49	23.46		
20	QPSK	50	0	22.74	22.59	22.82	22.76	22.86		
20	QPSK	50	24	22.85	22.61	22.72	22.75	22.83	23.5	1
20	QPSK	50	50	22.78	22.59	22.82	22.75	22.84		
20	QPSK	100	0	22.82	22.59	22.88	22.72	22.75		
20	16QAM	1	0	22.81	22.60	22.72	22.69	22.99		
20	16QAM	1	49	22.84	22.63	22.81	22.73	22.89	23.5	1
20	16QAM	1	99	22.86	22.77	22.82	22.74	22.74		
20	16QAM	50	0	21.78	21.59	21.71	21.76	21.97		
20	16QAM	50	24	21.86	21.62	21.72	21.75	21.90	22.5	2
20	16QAM	50	50	21.92	21.67	21.82	21.75	21.85		
20	16QAM	100	0	21.83	21.59	21.76	21.75	21.88		
20	64QAM	1	0	21.54	21.29	21.42	21.42	21.69		
20	64QAM	1	49	21.55	21.31	21.50	21.45	21.58	22.5	2
20	64QAM	1	99	21.57	21.46	21.51	21.46	21.43		
20	64QAM	50	0	20.74	20.57	20.67	20.74	20.92		
20	64QAM	50	24	20.81	20.59	20.70	20.71	20.84	21.5	3
20	64QAM	50	50	20.90	20.65	20.79	20.71	20.82		
20	64QAM	100	0	20.82	20.60	20.72	20.71	20.88		
20	256QAM	1	0	18.08	18.11	18.20	18.13	18.11		
20	256QAM	1	49	18.16	18.12	18.18	18.10	18.18	19.5	5
20	256QAM	1	99	18.04	18.04	18.16	18.15	18.07		
20	256QAM	50	0	18.02	18.02	18.13	18.11	18.05		
20	256QAM	50	24	18.05	18.07	18.15	18.07	18.12	19.5	5
20	256QAM	50	50	18.06	18.05	18.14	18.08	18.05		
20	256QAM	100	0	18.08	18.08	18.10	18.02	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.49	23.47	23.59	23.43	23.51	24.5	0
15	QPSK	1	37	23.44	23.24	23.55	23.48	23.45		
15	QPSK	1	74	23.51	23.28	23.62	23.48	23.35		
15	QPSK	36	0	22.85	22.58	22.80	22.66	22.84		
15	QPSK	36	20	22.80	22.54	22.62	22.66	22.80	23.5	1
15	QPSK	36	39	22.87	22.50	22.70	22.73	22.83		
15	QPSK	75	0	22.79	22.52	22.81	22.66	22.65		
15	16QAM	1	0	22.71	22.53	22.66	22.59	22.88		
15	16QAM	1	37	22.79	22.52	22.72	22.68	22.81	23.5	1
15	16QAM	1	74	22.84	22.74	22.79	22.70	22.68		
15	16QAM	36	0	21.70	21.53	21.60	21.72	21.90		
15	16QAM	36	20	21.76	21.55	21.71	21.70	21.88	22.5	2
15	16QAM	36	39	21.81	21.57	21.73	21.64	21.80		
15	16QAM	75	0	21.75	21.58	21.66	21.74	21.84		
15	64QAM	1	0	21.44	21.22	21.33	21.33	21.60		
15	64QAM	1	37	21.44	21.19	21.42	21.37	21.54	22.5	2
15	64QAM	1	74	21.48	21.37	21.49	21.40	21.40		
15	64QAM	36

Reduced Power for DSI 4

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.15	33.09	**34.00**	23.98	24.15	24.09	**25.00**
GPRS 1 Tx slot	33.02	33.17	33.12	**34.00**	24.02	24.17	24.12	**25.00**
GPRS 2 Tx slots	29.81	30.16	30.11	**31.00**	23.81	24.16	24.11	**25.00**
GPRS 3 Tx slots	28.00	28.32	28.33	**29.20**	23.74	24.06	24.07	**24.94**
GPRS 4 Tx slots	26.60	27.15	26.95	**28.00**	23.60	24.15	23.95	**25.00**
EDGE 1 Tx slot	27.21	27.12	27.28	**28.00**	18.21	18.12	18.28	**19.00**
EDGE 2 Tx slots	24.15	24.18	24.46	**25.00**	18.15	18.18	18.46	**19.00**
EDGE 3 Tx slots	22.44	22.35	22.30	**23.20**	18.18	18.09	18.04	**18.94**
EDGE 4 Tx slots	21.03	21.12	21.09	**22.00**	18.03	18.12	18.09	**19.00**

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.22	31.38	31.44	**32.50**	22.22	22.38	22.44	**23.50**
GPRS 1 Tx slot	31.24	31.43	31.46	**32.50**	22.24	22.43	22.46	**23.50**
GPRS 2 Tx slots	28.13	28.31	28.33	**29.50**	22.13	22.31	22.33	**23.50**
GPRS 3 Tx slots	26.38	26.57	26.60	**27.70**	22.12	22.31	22.34	**23.44**
GPRS 4 Tx slots	25.10	25.35	25.34	**26.50**	22.10	22.35	22.34	**23.50**
EDGE 1 Tx slot	25.43	25.33	25.36	**26.50**	16.43	16.33	16.36	**17.50**
EDGE 2 Tx slots	22.62	22.61	22.60	**23.50**	16.62	16.61	16.60	**17.50**
EDGE 3 Tx slots	20.66	20.72	20.63	**21.70**	16.40	16.46	16.37	**17.44**
EDGE 4 Tx slots	19.21	19.33	19.26	**20.50**	16.21	16.33	16.26	**17.50**

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.24	26.16	26.01	**27.00**	17.24	17.16	17.01	**18.00**
GPRS 1 Tx slot	26.28	26.17	26.02	**27.00**	17.28	17.17	17.02	**18.00**
GPRS 2 Tx slots	23.10	22.96	22.84	**24.00**	17.10	16.96	16.84	**18.00**
GPRS 3 Tx slots	21.37	21.22	21.12	**22.20**	17.11	16.96	16.86	**17.94**
GPRS 4 Tx slots	19.93	20.07	19.95	**21.00**	16.93	17.07	16.95	**18.00**
EDGE 1 Tx slot	22.18	22.48	22.45	**23.00**	13.18	13.48	13.45	**14.00**
EDGE 2 Tx slots	18.85	18.93	18.96	**20.00**	12.85	12.93	12.96	**14.00**
EDGE 3 Tx slots	16.53	16.95	16.85	**18.20**	12.27	12.69	12.59	**13.94**
EDGE 4 Tx slots	15.21	15.05	15.03	**17.00**	12.21	12.05	12.03	**14.00**

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.64	29.67	29.66	**30.50**	20.64	20.67	20.66	**21.50**
GPRS 1 Tx slot	29.75	29.68	29.62	**30.50**	20.75	20.68	20.62	**21.50**
GPRS 2 Tx slots	27.08	26.89	27.02	**27.50**	21.08	20.89	21.02	**21.50**
GPRS 3 Tx slots	25.28	25.07	25.23	**25.70**	21.02	20.81	20.97	**21.44**
GPRS 4 Tx slots	23.84	23.88	23.80	**24.50**	20.84	20.88	20.80	**21.50**
EDGE 1 Tx slot	26.09	26.18	26.31	**26.50**	17.09	17.18	17.31	**17.50**
EDGE 2 Tx slots	22.98	23.17	23.13	**23.50**	16.98	17.17	17.13	**17.50**
EDGE 3 Tx slots	20.81	21.03	20.96	**21.70**	16.55	16.77	16.70	**17.44**
EDGE 4 Tx slots	19.15	19.28	19.38	**20.50**	16.15	16.28	16.38	**17.50**

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	15.98	15.82	15.71	17.50	20.17	20.32	20.05	21.00
3GPP Rel 99	RMC 12.2Kbps	16.08	16.09	15.74	17.50	20.60	20.68	20.49	21.00
3GPP Rel 6	HSDPA Subtest-1	15.01	15.16	15.02	16.50	19.45	19.81	19.68	20.00
3GPP Rel 6	HSDPA Subtest-2	15.04	15.33	15.04	16.50	19.36	19.68	19.56	20.00
3GPP Rel 6	HSDPA Subtest-3	14.69	14.84	14.68	16.00	19.20	19.27	19.10	19.50
3GPP Rel 6	HSDPA Subtest-4	14.54	14.80	14.54	16.00	19.00	19.22	19.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.29	15.43	15.25	16.50	19.45	19.55	19.33	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.15	15.37	15.04	16.50	19.48	19.65	19.58	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.56	14.71	14.68	16.00	19.04	19.25	19.07	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.57	14.80	14.61	16.00	19.22	19.18	19.02	19.50
3GPP Rel 6	HSUPA Subtest-1	14.88	14.94	14.87	16.50	18.95	19.05	18.82	20.00
3GPP Rel 6	HSUPA Subtest-2	14.87	15.02	14.77	16.50	18.84	19.01	18.74	20.00
3GPP Rel 6	HSUPA Subtest-3	14.35	14.49	14.33	16.00	18.56	18.60	18.43	19.50
3GPP Rel 6	HSUPA Subtest-4	14.83	14.99	14.79	16.50	18.95	18.96	18.92	20.00
3GPP Rel 6	HSUPA Subtest-5	13.97	13.91	14.97	15.50	17.88	17.95	17.99	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.01	13.05	12.88	14.50	17.02	17.11	16.98	18.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.32	16.23	16.40	18.00	21.11	21.15	21.22	22.00
3GPP Rel 99	RMC 12.2Kbps	16.34	16.49	16.46	18.00	21.57	21.61	21.42	22.00
3GPP Rel 6	HSDPA Subtest-1	15.58	15.77	15.69	17.00	20.59	20.74	20.65	21.00
3GPP Rel 6	HSDPA Subtest-2	15.57	15.72	15.56	17.00	20.58	20.58	20.45	21.00
3GPP Rel 6	HSDPA Subtest-3	15.07	15.13	15.11	16.50	20.08	20.23	20.10	20.50
3GPP Rel 6	HSDPA Subtest-4	15.13	15.15	15.02	16.50	20.20	20.13	20.10	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.52	15.66	15.50	17.00	20.48	20.52	20.51	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.56	15.59	15.51	17.00	20.44	20.47	20.24	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.21	15.23	15.06	16.50	19.90	20.00	19.94	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.02	15.01	15.07	16.50	20.02	20.01	19.97	20.50
3GPP Rel 6	HSUPA Subtest-1	15.51	15.54	15.48	17.00	20.11	20.23	20.16	21.00
3GPP Rel 6	HSUPA Subtest-2	15.38	15.43	15.40	17.00	20.11	20.15	20.15	21.00
3GPP Rel 6	HSUPA Subtest-3	14.82	14.95	14.94	16.50	19.53	19.77	19.57	20.50
3GPP Rel 6	HSUPA Subtest-4	15.44	15.54	15.53	17.00	20.01	20.17	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	14.32	14.46	14.45	16.00	19.06	19.13	19.03	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.74	13.88	13.75	15.00	18.21	18.30	18.25	19.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.30	24.32	25.00	21.22	21.19	21.11	23.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.40	24.35	25.00	21.29	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	23.26	23.31	23.47	24.00	20.12	20.18	20.31	22.50
3GPP Rel 6	HSDPA Subtest-2	23.23	23.29	23.42	24.00	19.96	20.09	20.45	22.50
3GPP Rel 6	HSDPA Subtest-3	22.79	22.80	22.97	23.50	19.50	19.68	19.77	22.00
3GPP Rel 6	HSDPA Subtest-4	22.51	22.83	22.90	23.50	19.64	19.60	19.72	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.42	23.39	24.00	20.10	20.52	20.29	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.38	23.34	24.00	20.35	20.38	20.12	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.81	22.68	23.50	19.73	19.91	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.84	22.88	22.77	23.50	19.68	19.81	19.88	22.00
3GPP Rel 6	HSUPA Subtest-1	23.28	23.36	23.33	24.00	20.35	20.41	20.35	22.00
3GPP Rel 6	HSUPA Subtest-2	23.24	23.32	23.29	24.00	20.43	20.47	20.41	22.00
3GPP Rel 6	HSUPA Subtest-3	22.80	22.87	22.81	23.50	19.69	19.80	19.84	21.50
3GPP Rel 6	HSUPA Subtest-4	23.22	23.25	23.21	24.00	20.34	20.34	20.41	22.00
3GPP Rel 6	HSUPA Subtest-5	22.19	22.29	22.24	23.00	19.58	19.66	19.57	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.31	21.23	22.00	18.88	19.01	18.95	20.00

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.91	19.95	19.94		
20	QPSK	1	49	19.77	19.83	19.84	21	0
20	QPSK	1	99	19.76	19.90	19.92		
20	QPSK	50	0	19.85	19.90	19.87		
20	QPSK	50	24	19.82	19.88	19.86	21	0
20	QPSK	50	50	19.84	19.78	19.73		
20	QPSK	100	0	19.83	19.83	19.80		
20	16QAM	1	0	19.76	19.69	19.74		
20	16QAM	1	49	19.65	19.83	19.85	21	0
20	16QAM	1	99	19.84	19.79	19.85		
20	16QAM	50	0	19.73	19.71	19.77		
20	16QAM	50	24	19.85	19.86	19.84	21	0
20	16QAM	50	50	19.82	19.71	19.73		
20	16QAM	100	0	19.75	19.84	19.82		
20	64QAM	1	0	19.68	19.82	19.76		
20	64QAM	1	49	19.80	19.69	19.78	21	0
20	64QAM	1	99	19.79	19.69	19.75		
20	64QAM	50	0	19.83	19.84	19.83		
20	64QAM	50	24	19.82	19.77	19.73	21	0
20	64QAM	50	50	19.75	19.76	19.72		
20	64QAM	100	0	19.76	19.68	19.77		
20	256QAM	1	0	18.85	18.75	18.88		
20	256QAM	1	49	18.82	18.72	18.76	20	1
20	256QAM	1	99	18.79	18.72	18.84		
20	256QAM	50	0	18.86	18.73	18.89		
20	256QAM	50	24	18.89	18.77	18.84		
20	256QAM	50	50	18.79	18.82	18.77	20	1
20	256QAM	100	0	18.81	18.87	18.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.80	19.92	19.85		
15	QPSK	1	37	19.71	19.73	19.77	21	0
15	QPSK	1	74	19.62	19.86	19.84		
15	QPSK	36	0	19.88	19.84	19.79		
15	QPSK	36	20	19.81	19.70	19.82	21	0
15	QPSK	36	39	19.83	19.59	19.72		
15	QPSK	75	0	19.70	19.76	19.69		
15	16QAM	1	0	19.61	19.54	19.62		
15	16QAM	1	37	19.51	19.72	19.79	21	0
15	16QAM	1	74	19.68	19.77	19.71		
15	16QAM	36	0	19.61	19.58	19.59		
15	16QAM	36	20	19.84	19.77	19.71	21	0
15	16QAM	36	39	19.79	19.51	19.67		
15	16QAM	75	0	19.84	19.81	19.81		
15	64QAM	1	0	19.53	19.80	19.76		
15	64QAM	1	37	19.62	19.67	19.72	21	0
15	64QAM	1	74	19.77	19.69	19.55		
15	64QAM	36	0	19.78	19.78	19.73		
15	64QAM	36	20	19.65	19.69	19.55	21	0
15	64QAM	36	39	19.74	19.68	19.68		
15	64QAM	75	0	19.58	19.76	19.71		
15	256QAM	1	0	18.78	18.66	18.76		
15	256QAM	1	37	18.62	18.52	18.73	20	1
15	256QAM	1	74	18.62	18.70	18.69		
15	256QAM	36	0	18.72	18.57	18.88		
15	256QAM	36	20	18.88	18.72	18.64	20	1
15	256QAM	36	39	18.63	18.62	18.70		
15	256QAM	75	0	18.62	18.87	18.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.99	19.84	19.76		
10	QPSK	1	25	19.60	19.68	19.83	21	0
10	QPSK	1	49	19.70	19.80	19.83		
10	QPSK	25	0	19.68	19.75	19.85		
10	QPSK	25	12	19.75	19.72	19.85	21	0
10	QPSK	25	25	19.75	19.62	19.64		
10	QPSK	50	0	19.75	19.77	19.60		
10	16QAM	1	0	19.72	19.61	19.67		
10	16QAM	1	25	19.65	19.77	19.69	21	0
10	16QAM	1	49	19.73	19.69	19.79		
10	16QAM	25	0	19.80	19.53	19.70		
10	16QAM	25	12	19.74	19.68	19.72	21	0
10	16QAM	25	25	19.69	19.59	19.70		
10	16QAM	50	0	19.75	19.79	19.67		
10	64QAM	1	0	19.57	19.77	19.70		
10	64QAM	1	25	19.70	19.65	19.58	21	0
10	64QAM	1	49	19.75	19.49	19.74		
10	64QAM	25	0	19.66	19.81	19.78		
10	64QAM	25	12	19.71	19.77	19.71	21	0
10	64QAM	25	25	19.55	19.61	19.72		
10	64QAM	50	0	19.72	19.57	19.64		
10	256QAM	1	0	18.71	18.61	18.71		
10	256QAM	1	25	18.67	18.60	18.61	20	1
10	256QAM	1	49	18.66	18.62	18.68		
10	256QAM	25	0	18.63	18.60	18.67		
10	256QAM	25	12	18.66	18.64	18.69	20	1
10	256QAM	25	25	18.62	18.63	18.68		
10	256QAM	50	0	18.68	18.69	18.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.92	19.74	19.80		
5	QPSK	1	12	19.75	19.82	19.67	21	0
5	QPSK	1	24	19.56	19.83	19.67		
5	QPSK	12	0	19.84	19.86	19.71		
5	QPSK	12	7	19.72	19.63	19.76	21	0
5	QPSK	12	13	19.71	19.61	19.67		
5	QPSK	25	0	19.83	19.65	19.70		
5	16QAM	1	0	19.74	19.74	19.76		
5	16QAM	1	12	19.46	19.68	19.75	21	0
5	16QAM	1	24	19.73	19.63	19.74		
5	16QAM	12	0	19.66	19.70	19.59		
5	16QAM	12	7	19.83	19.74	19.68	21	0
5	16QAM	12	13	19.76	19.68	19.78		
5	16QAM	25	0	19.60	19.69	19.63		
5	64QAM	1	0	19.63	19.64	19.62		
5	64QAM	1	12	19.66	19.51	19.66	21	0
5	64QAM	1	24	19.61	19.68	19.64		
5	64QAM	12	0	19.80	19.66	19.66		
5	64QAM	12	7	19.65	19.75	19.59	21	0
5	64QAM	12	13	19.66	19.56	19.71		
5	64QAM	25	0	19.63	19.64	19.73		
5	256QAM	1	0	18.83	18.72	18.86		
5	256QAM	1	12	18.64	18.64	18.60	20	1
5	256QAM	1	24	18.75	18.68	18.64		
5	256QAM	12	0	18.67	18.53	18.83		
5	256QAM	12	7	18.60	18.71	18.74	20	1
5	256QAM	12	13	18.63	18.81	18.77		
5	256QAM	25	0	18.76	18.76	18.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.76	19.73	19.89		
3	QPSK	1	8	19.75	19.69	19.70	21	0
3	QPSK	1	14	19.86	19.80	19.76		
3	QPSK	8	0	19.72	19.81	19.77		
3	QPSK	8	4	19.74	19.73	19.84	21	0
3	QPSK	8	7	19.79	19.73	19.55		
3	QPSK	15	0	19.65	19.74	19.73		
3	16QAM	1	0	19.64	19.49	19.73		
3	16QAM	1	8	19.59	19.65	19.68	21	0
3	16QAM	1	14	19.67	19.61	19.75		
3	16QAM	8	0	19.66	19.61	19.74		
3	16QAM	8	4	19.65	19.75	19.69	21	0
3	16QAM	8	7	19.82	19.56	19.60		
3	16QAM	15	0	19.60	19.80	19.68		
3	64QAM	1	0	19.49	19.67	19.65		
3	64QAM	1	8	19.60	19.61	19.73	21	0
3	64QAM	1	14	19.78	19.55	19.74		
3	64QAM	8	0	19.81	19.66	19.63		
3	64QAM	8	4	19.63	19.57	19.68	21	0
3	64QAM	8	7	19.55	19.58	19.66		
3	64QAM	15	0	19.71	19.61	19.64		
3	256QAM	1	0	18.82	18.75	18.72		
3	256QAM	1	8	18.63	18.63	18.66	20	1
3	256QAM	1	14	18.84	18.52	18.74		
3	256QAM	8	0	18.87	18.54	18.75		
3	256QAM	8	4	18.60	18.69	18.82	20	1
3	256QAM	8	7	18.65	18.69	18.67		
3	256QAM	15	0	18.80	18.79	18.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.91	19.74	19.87		
1.4	QPSK	1	3	19.64	19.83	19.79		
1.4	QPSK	1	5	19.78	19.74	19.74	21	0
1.4	QPSK	3	0	19.68	19.83	19.78		
1.4	QPSK	3	1	19.74	19.64	19.76		
1.4	QPSK	3	3	19.70	19.69	19.59		
1.4	QPSK	6	0	19.75	19.70	19.75	21	0
1.4	16QAM	1	0	19.57	19.68	19.83		
1.4	16QAM	1	3	19.52	19.77	19.81		
1.4	16QAM	1	5	19.86	19.79	19.67	21	0
1.4	16QAM	3	0	19.64	19.63	19.68		
1.4	16QAM	3	1	19.68	19.85	19.71		
1.4	16QAM	3	3	19.68	19.58	19.78		
1.4	16QAM	6	0	19.73	19.79	19.76	21	0
1.4	64QAM	1	0	19.63	19.69	19.64		
1.4	64QAM	1	3	19.64	19.56	19.78		
1.4	64QAM	1	5	19.63	19.61	19.61	21	0
1.4	64QAM	3	0	19.79	19.68	19.72		
1.4	64QAM	3	1	19.57	19.57	19.53		
1.4	64QAM	3	3	19.85	19.69	19.72		
1.4	64QAM	6	0	19.56	19.67	19.68	21	0
1.4	256QAM	1	0	18.80	18.73	18.70		
1.4	256QAM	1	3	18.63	18.66	18.76		
1.4	256QAM	1	5	18.62	18.68	18.64	20	1
1.4	256QAM	3	0	18.77	18.70	18.73		
1.4	256QAM	3	1	18.61	18.75	18.76		
1.4	256QAM	3	3	18.77	18.72	18.61		
1.4	256QAM	6	0	18.62	18.78	18.69	20	1

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.96	22.14	22.03		
20	QPSK	1	49	21.89	21.97	21.98	23	0
20	QPSK	1	99	21.86	22.10	21.92		
20	QPSK	50	0	21.83	22.05	21.95		
20	QPSK	50	24	21.78	21.92	21.83	23	0
20	QPSK	50	50	21.78	22.00	21.89		
20	QPSK	100	0	21.64	21.97	21.83		
20	16QAM	1	0	21.74	21.85	21.94		
20	16QAM	1	49	21.74	22.03	21.82	23	0
20	16QAM	1	99	21.65	21.88	21.91		
20	16QAM	50	0	21.22	21.54	21.36		
20	16QAM	50	24	21.77	22.03	21.95	22.5	0.5
20	16QAM	50	50	21.83	21.89	21.81		
20	16QAM	100	0	21.71	22.01	21.80		
20	64QAM	1	0	21.29	21.53	21.48		
20	64QAM	1	49	21.39	21.51	21.48	22.5	0.5
20	64QAM	1	99	21.29	21.64	21.55		
20	64QAM	50	0	20.38	20.60	20.38		
20	64QAM	50	24	20.42	20.62	20.48	21.5	1.5
20	64QAM	50	50	20.45	20.61	20.52		
20	64QAM	100	0	20.34	20.46	20.41		
20	256QAM	1	0	18.33	18.48	18.46		
20	256QAM	1	49	18.43	18.54	18.54	19.5	3.5
20	256QAM	1	99	18.46	18.54	18.42		
20	256QAM	50	0	18.40	18.61	18.54		
20	256QAM	50	24	18.42	18.48	18.48	19.5	3.5
20	256QAM	50	50	18.42	18.46	18.40		
20	256QAM	100	0	18.42	18.47	18.47		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.56	21.86	21.77		
15	QPSK	1	37	21.58	21.58	21.75	23	0
15	QPSK	1	74	21.61	21.71	21.72		
15	QPSK	36	0	21.47	21.72	21.64		
15	QPSK	36	20	21.58	21.80	21.50	23	0
15	QPSK	36	39	21.55	21.76	21.53		
15	QPSK	75	0	21.26	21.65	21.44		
15	16QAM	1	0	21.38	21.52	21.55		
15	16QAM	1	37	21.43	21.73	21.50	23	0
15	16QAM	1	74	21.30	21.65	21.80		
15	16QAM	36	0	21.00	21.28	21.08		
15	16QAM	36	20	21.43	21.70	21.72	22.5	0.5
15	16QAM	36	39	21.49	21.86	21.39		
15	16QAM	75	0	21.48	21.72	21.42		
15	64QAM	1	0	20.97	21.25	21.10		
15	64QAM	1	37	21.14	21.26	21.13	22.5	0.5
15	64QAM	1	74	21.13	21.26	21.23		
15	64QAM	36	0	20.11	20.22	20.02		
15	64QAM	36	20	20.02	20.30	20.26	21.5	1.5
15	64QAM	36	39	20.15	20.34	20.30		
15	64QAM	75	0	19.95	20.10	20.07		
15	256QAM	1	0	17.98	18.28	18.06		
15	256QAM	1	37	18.22	18.29	18.22	19.5	3.5
15	256QAM	1	74	18.17	18.14	18.06		
15	256QAM	36	0	18.01	18.24	18.14		
15	256QAM	36	20	18.02	18.25	18.12	19.5	3.5
15	256QAM	36	39	18.17	18.19	18.05		
15	256QAM	75	0	18.02	18.20	18.10		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.75	21.74	21.81		
10	QPSK	1	25	21.59	21.62	21.66	23	0
10	QPSK	1	49	21.60	21.72	21.69		
10	QPSK	25	0	21.46	21.65	21.65		
10	QPSK	25	12	21.44	21.65	21.62	23	0
10	QPSK	25	25	21.40	21.79	21.54		
10	QPSK	50	0	21.38	21.63	21.52		
10	16QAM	1	0	21.51	21.61	21.66		
10	16QAM	1	25	21.45	21.78	21.62	23	0
10	16QAM	1	49	21.37	21.57	21.71		
10	16QAM	25	0	20.86	21.22	21.00		
10	16QAM	25	12	21.43	21.27	21.53	22.5	0.5
10	16QAM	25	25	21.56	21.51	21.66		
10	16QAM	50	0	21.48	21.64	21.48		
10	64QAM	1	0	21.00	21.19	21.09		
10	64QAM	1	25	21.15	21.23	21.18	22.5	0.5
10	64QAM	1	49	21.07	21.37	21.23		
10	64QAM	25	0	20.11	20.33	19.99		
10	64QAM	25	12	20.17	20.29	20.20	21.5	1.5
10	64QAM	25	25	20.05	20.29	20.19		
10	64QAM	50	0	20.03	20.24	20.15		
10	256QAM	1	0	18.04	18.17	18.21		
10	256QAM	1	25	18.11	18.23	18.33	19.5	3.5
10	256QAM	1	49	18.09	18.16	18.14		
10	256QAM	25	0	18.14	18.23	18.28		
10	256QAM	25	12	18.07	18.18	18.14	19.5	3.5
10	256QAM	25	25	18.15	18.12	18.16		
10	256QAM	50	0	18.21	18.09	18.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.76	21.91	21.87		
5	QPSK	1	12	21.55	21.68	21.62	23	0
5	QPSK	1	24	21.51	21.88	21.55		
5	QPSK	12	0	21.46	21.79	21.57		
5	QPSK	12	7	21.53	21.69	21.43	23	0
5	QPSK	12	13	21.46	21.61	21.49		
5	QPSK	25	0	21.26	21.68	21.53		
5	16QAM	1	0	21.49	21.48	21.72		
5	16QAM	1	12	21.53	21.76	21.44	23	0
5	16QAM	1	24	21.35	21.58	21.59		
5	16QAM	12	0	20.88	21.31	21.10		
5	16QAM	12	7	21.55	21.77	21.59	22.5	0.5
5	16QAM	12	13	21.56	21.64	21.50		
5	16QAM	25	0	21.35	21.61	21.47		
5	64QAM	1	0	21.04	21.25	21.19		
5	64QAM	1	12	21.01	21.17	21.14	22.5	0.5
5	64QAM	1	24	21.15	21.28	21.35		
5	64QAM	12	0	19.99	20.29	20.12		
5	64QAM	12	7	20.03	20.35	20.27	21.5	1.5
5	64QAM	12	13	20.20	20.22	20.12		
5	64QAM	25	0	20.02	20.25	20.21		
5	256QAM	1	0	18.00	18.21	18.07		
5	256QAM	1	12	18.13	18.25	18.18	19.5	3.5
5	256QAM	1	24	18.17	18.22	18.12		
5	256QAM	12	0	18.18	18.41	18.18		
5	256QAM	12	7	18.15	18.25	18.24	19.5	3.5
5	256QAM	12	13	18.05	18.19	18.05		
5	256QAM	25	0	18.02	18.15	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.61	21.87	21.86		
3	QPSK	1	8	21.69	21.62	21.72	23	0
3	QPSK	1	14	21.63	21.82	21.74		
3	QPSK	8	0	21.59	21.72	21.72		
3	QPSK	8	4	21.46	21.61	21.61	23	0
3	QPSK	8	7	21.39	21.64	21.57		
3	QPSK	15	0	21.41	21.68	21.54		
3	16QAM	1	0	21.36	21.52	21.72		
3	16QAM	1	8	21.39	21.79	21.45	23	0
3	16QAM	1	14	21.29	21.59	21.52		
3	16QAM	8	0	20.87	21.20	21.15		
3	16QAM	8	4	21.53	21.88	21.67	22.5	0.5
3	16QAM	8	7	21.47	21.64	21.62		
3	16QAM	15	0	21.37	21.74	21.42		
3	64QAM	1	0	21.00	21.27	21.09		
3	64QAM	1	8	21.03	21.22	21.08	22.5	0.5
3	64QAM	1	14	21.14	21.40	21.28		
3	64QAM	8	0	20.01	20.27	20.04		
3	64QAM	8	4	20.13	20.40	20.26	21.5	1.5
3	64QAM	8	7	20.14	20.20	20.22		
3	64QAM	15	0	20.10	20.21	20.08		
3	256QAM	1	0	17.95	18.17	18.20		
3	256QAM	1	8	18.20	18.28	18.28	19.5	3.5
3	256QAM	1	14	18.10	18.30	18.13		
3	256QAM	8	0	18.01	18.30	18.20		
3	256QAM	8	4	18.02	18.13	18.09	19.5	3.5
3	256QAM	8	7	18.07	18.25	18.04		
3	256QAM	15	0	18.11	18.21	18.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.65	21.91	21.77		
1.4	QPSK	1	3	21.56	21.59	21.67		
1.4	QPSK	1	5	21.58	21.80	21.58	23	0
1.4	QPSK	3	0	21.62	21.65	21.60		
1.4	QPSK	3	1	21.49	21.64	21.55		
1.4	QPSK	3	3	21.41	21.64	21.51		
1.4	QPSK	6	0	21.26	21.67	21.62	23	0
1.4	16QAM	1	0	21.43	21.53	21.56		
1.4	16QAM	1	3	21.38	21.63	21.60		
1.4	16QAM	1	5	21.39	21.53	21.68	23	0
1.4	16QAM	3	0	21.00	21.30	21.05		
1.4	16QAM	3	1	21.52	21.75	21.55		
1.4	16QAM	3	3	21.56	21.65	21.49		
1.4	16QAM	6	0	21.10	21.37	21.26	22.5	0.5
1.4	64QAM	1	0	20.99	21.30	21.09		
1.4	64QAM	1	3	20.91	21.04	21.10		
1.4	64QAM	1	5	21.04	21.16	21.04	22.5	0.5
1.4	64QAM	3	0	21.04	21.02	20.93		
1.4	64QAM	3	1	20.99	21.09	20.96		
1.4	64QAM	3	3	20.88	21.11	20.84		
1.4	64QAM	6	0	19.67	20.13	19.93	21.5	1.5
1.4	256QAM	1	0	17.83	17.88	17.98		
1.4	256QAM	1	3	17.70	18.04	18.05		
1.4	256QAM	1	5	17.82	17.87	18.03	19.5	3.5
1.4	256QAM	3	0	17.54	17.68	17.52		
1.4	256QAM	3	1	17.88	18.05	17.97		
1.4	256QAM	3	3	17.92	18.05	17.84		
1.4	256QAM	6	0	17.93	18.17	18.04	19.5	3.5

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.49	16.54	16.54		
20	QPSK	1	49	16.36	16.54	16.36	18	0
20	QPSK	1	99	16.33	16.33	16.53		
20	QPSK	50	0	16.52	16.59	16.56		
20	QPSK	50	24	16.36	16.58	16.25	18	0
20	QPSK	50	50	16.43	16.39	16.42		
20	QPSK	100	0	16.46	16.50	16.35		
20	16QAM	1	0	16.51	16.51	16.35		
20	16QAM	1	49	16.53	16.45	16.47	18	0
20	16QAM	1	99	16.54	16.33	16.61		
20	16QAM	50	0	16.45	16.46	16.57		
20	16QAM	50	24	16.52	16.46

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.50	21.65	21.84		
20	QPSK	1	49	21.48	21.60	21.53	23	0
20	QPSK	1	99	21.30	21.59	21.59		
20	QPSK	50	0	21.44	21.61	21.51		
20	QPSK	50	24	21.41	21.47	21.50	23	0
20	QPSK	50	50	21.38	21.32	21.43		
20	QPSK	100	0	21.43	21.55	21.51		
20	16QAM	1	0	21.42	21.39	21.42		
20	16QAM	1	49	21.32	21.36	21.34	23	0
20	16QAM	1	99	21.39	21.33	21.56		
20	16QAM	50	0	20.85	20.80	20.99		
20	16QAM	50	24	20.80	20.93	20.94	22.5	0.5
20	16QAM	50	50	20.87	20.87	21.07		
20	16QAM	100	0	20.91	20.85	20.97		
20	64QAM	1	0	20.86	20.95	20.96		
20	64QAM	1	49	20.84	20.82	20.97	22.5	0.5
20	64QAM	1	99	20.83	20.86	21.04		
20	64QAM	50	0	19.88	19.95	20.06		
20	64QAM	50	24	19.92	19.86	20.03	21.5	1.5
20	64QAM	50	50	19.85	19.80	20.03		
20	64QAM	100	0	19.84	19.85	19.92		
20	256QAM	1	0	17.84	17.86	18.03		
20	256QAM	1	49	17.86	17.80	18.00	19.5	3.5
20	256QAM	1	99	17.82	17.89	17.97		
20	256QAM	50	0	17.86	17.86	17.95		
20	256QAM	50	24	17.89	17.81	18.06	19.5	3.5
20	256QAM	50	50	17.81	17.86	17.94		
20	256QAM	100	0	17.85	17.89	17.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.35	21.60	21.48		
15	QPSK	1	37	21.41	21.56	21.43	23	0
15	QPSK	1	74	21.11	21.39	21.55		
15	QPSK	36	0	21.31	21.57	21.51		
15	QPSK	36	20	21.31	21.35	21.50	23	0
15	QPSK	36	39	21.26	21.24	21.31		
15	QPSK	75	0	21.42	21.36	21.51		
15	16QAM	1	0	21.34	21.19	21.32	23	0
15	16QAM	1	37	21.27	21.32	21.34		
15	16QAM	1	74	21.24	21.18	21.54		
15	16QAM	36	0	20.80	20.80	20.99		
15	16QAM	36	20	20.62	20.80	20.79	22.5	0.5
15	16QAM	36	39	20.80	20.82	20.96		
15	16QAM	75	0	20.89	20.70	20.77		
15	64QAM	1	0	20.84	20.88	20.87		
15	64QAM	1	37	20.78	20.65	20.95	22.5	0.5
15	64QAM	1	74	20.76	20.73	20.87		
15	64QAM	36	0	19.75	19.93	19.99		
15	64QAM	36	20	19.77	19.72	20.01	21.5	1.5
15	64QAM	36	39	19.66	19.72	19.86		
15	64QAM	75	0	19.77	19.79	19.81		
15	256QAM	1	0	17.70	17.76	17.86		
15	256QAM	1	37	17.67	17.67	17.96	19.5	3.5
15	256QAM	1	74	17.66	17.86	17.95		
15	256QAM	36	0	17.77	17.77	17.94		
15	256QAM	36	20	17.79	17.80	17.99	19.5	3.5
15	256QAM	36	39	17.77	17.76	17.78		
15	256QAM	75	0	17.86	17.80	17.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.39	21.53	21.53		
10	QPSK	1	25	21.34	21.53	21.50	23	0
10	QPSK	1	49	21.15	21.54	21.44		
10	QPSK	25	0	21.37	21.59	21.37		
10	QPSK	25	12	21.21	21.42	21.30	23	0
10	QPSK	25	25	21.27	21.19	21.37		
10	QPSK	50	0	21.39	21.39	21.42		
10	QPSK	50	25	21.23	21.34	21.36		
10	16QAM	1	0	21.22	21.20	21.35	23	0
10	16QAM	1	25	21.19	21.27	21.55		
10	16QAM	25	0	20.77	20.73	20.99		
10	16QAM	25	12	20.89	20.85	20.95	22.5	0.5
10	16QAM	25	25	20.91	20.70	20.96		
10	16QAM	50	0	20.71	20.69	20.94		
10	64QAM	1	0	20.86	20.78	20.86		
10	64QAM	1	25	20.77	20.71	20.96	22.5	0.5
10	64QAM	1	49	20.71	20.75	20.98		
10	64QAM	25	0	19.78	19.89	19.88		
10	64QAM	25	12	19.84	19.67	20.02	21.5	1.5
10	64QAM	25	25	19.74	19.64	20.06		
10	64QAM	50	0	19.75	19.69	19.77		
10	256QAM	1	0	17.64	17.78	17.91		
10	256QAM	1	25	17.70	17.70	17.90	19.5	3.5
10	256QAM	1	49	17.75	17.80	17.93		
10	256QAM	25	0	17.81	17.84	17.87		
10	256QAM	25	12	17.84	17.63	17.89	19.5	3.5
10	256QAM	25	25	17.76	17.75	17.76		
10	256QAM	50	0	17.84	17.70	17.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.30	21.59	21.81		
5	QPSK	1	12	21.43	21.48	21.40	23	0
5	QPSK	1	24	21.27	21.59	21.57		
5	QPSK	12	0	21.37	21.58	21.47		
5	QPSK	12	7	21.35	21.37	21.35	23	0
5	QPSK	12	13	21.33	21.20	21.24		
5	QPSK	25	0	21.36	21.36	21.35		
5	16QAM	1	0	21.24	21.27	21.27		
5	16QAM	1	12	21.19	21.30	21.46	23	0
5	16QAM	1	24	21.21	21.13	21.51		
5	16QAM	12	0	20.72	20.65	20.97		
5	16QAM	12	7	20.80	20.83	20.93	22.5	0.5
5	16QAM	12	13	20.81	20.79	20.95		
5	16QAM	25	0	20.72	20.84	20.87		
5	64QAM	1	0	20.71	20.94	20.92		
5	64QAM	1	12	20.73	20.63	20.90	22.5	0.5
5	64QAM	1	24	20.67	20.78	20.92		
5	64QAM	12	0	19.83	19.88	20.01		
5	64QAM	12	7	19.91	19.82	19.99	21.5	1.5
5	64QAM	12	13	19.73	19.73	19.99		
5	64QAM	25	0	19.82	19.74	19.76		
5	256QAM	1	0	17.74	17.67	18.00		
5	256QAM	1	12	17.82	17.61	17.80	19.5	3.5
5	256QAM	1	24	17.76	17.72	17.78		
5	256QAM	12	0	17.66	17.78	17.78		
5	256QAM	12	7	17.86	17.64	18.01	19.5	3.5
5	256QAM	12	13	17.73	17.86	17.77		
5	256QAM	25	0	17.86	17.86	17.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.39	21.48	21.59		
3	QPSK	1	8	21.28	21.57	21.44	23	0
3	QPSK	1	14	21.13	21.42	21.57		
3	QPSK	8	0	21.42	21.44	21.50		
3	QPSK	8	4	21.35	21.25	21.49	23	0
3	QPSK	8	7	21.21	21.29	21.23		
3	QPSK	15	0	21.40	21.49	21.35		
3	16QAM	1	0	21.39	21.20	21.25		
3	16QAM	1	8	21.15	21.31	21.37	23	0
3	16QAM	1	14	21.32	21.18	21.47		
3	16QAM	8	0	20.68	20.78	20.89		
3	16QAM	8	4	20.75	20.76	20.92	22.5	0.5
3	16QAM	8	7	20.73	20.80	21.02		
3	16QAM	15	0	20.84	20.66	20.80		
3	64QAM	1	0	20.75	20.95	20.90		
3	64QAM	1	8	20.75	20.73	20.93	22.5	0.5
3	64QAM	1	14	20.77	20.86	20.83		
3	64QAM	8	0	19.84	19.87	20.00		
3	64QAM	8	4	19.90	19.74	19.94	21.5	1.5
3	64QAM	8	7	19.82	19.65	19.85		
3	64QAM	15	0	19.81	19.73	19.74		
3	256QAM	1	0	17.83	17.66	17.85		
3	256QAM	1	8	17.70	17.75	17.92	19.5	3.5
3	256QAM	1	14	17.63	17.77	17.86		
3	256QAM	8	0	17.83	17.71	17.84		
3	256QAM	8	4	17.77	17.78	18.02	19.5	3.5
3	256QAM	8	7	17.62	17.72	17.90		
3	256QAM	15	0	17.80	17.80	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.33	21.60	21.62		
1.4	QPSK	1	3	21.31	21.57	21.52		
1.4	QPSK	1	5	21.10	21.39	21.47	23	0
1.4	QPSK	3	0	21.33	21.51	21.41		
1.4	QPSK	3	1	21.27	21.29	21.30		
1.4	QPSK	3	3	21.38	21.32	21.30		
1.4	QPSK	6	0	21.28	21.40	21.38	23	0
1.4	16QAM	1	0	21.38	21.27	21.41		
1.4	16QAM	1	3	21.15	21.20	21.44		
1.4	16QAM	1	5	21.28	21.33	21.55	23	0
1.4	16QAM	3	0	21.22	21.22	21.50		
1.4	16QAM	3	1	21.10	21.19	21.43		
1.4	16QAM	3	3	21.20	21.14	21.36		
1.4	16QAM	6	0	20.84	20.72	20.88	22.5	0.5
1.4	64QAM	1	0	20.72	20.94	20.85		
1.4	64QAM	1	3	20.78	20.69	20.87		
1.4	64QAM	1	5	20.66	20.67	20.82	22.5	0.5
1.4	64QAM	3	0	20.64	20.50	20.82		
1.4	64QAM	3	1	20.55	20.64	20.82		
1.4	64QAM	3	3	20.66	20.54	20.63		
1.4	64QAM	6	0	19.73	19.68	19.83	21.5	1.5
1.4	256QAM	1	0	17.82	17.72	17.86		
1.4	256QAM	1	3	17.80	17.76	17.85		
1.4	256QAM	1	5	17.69	17.70	17.90	19.5	3.5
1.4	256QAM	3	0	17.64	17.83	17.89		
1.4	256QAM	3	1	17.70	17.67	17.99		
1.4	256QAM	3	3	17.68	17.82	17.77		
1.4	256QAM	6	0	17.79	17.81	17.92	19.5	3.5

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.62	24.69	24.65		
20	QPSK	1	49	24.61	24.67	24.61	25.5	0
20	QPSK	1	99	24.56	24.64	24.63		
20	QPSK	50	0	23.61	23.73	23.70		
20	QPSK	50	24	23.46	23.69	23.68	24.5	1
20	QPSK	50	50	23.59	23.64	23.68		
20	QPSK	100	0	23.60	23.70	23.65		
20	16QAM	1	0	23.80	23.86	23.95		
20	16QAM	1	49	23.79	23.87	23.91	24.5	1
20	16QAM	1	99	23.75	23.85	23.86		
20	16QAM	50	0	22.41	22.69	22.74		
20	16QAM	50	24	22.57	22.67	22.72	23.5	2
20	16QAM	50	50	22.57	22.61	22.76		
20	16QAM	100	0	22.56	22.65	22.70		
20	64QAM	1	0	22.64	22.76	22.79		
20	64QAM	1	49	22.63	22.77	22.80	23.5	2
20	64QAM	1	99	22.62	22.72	22.73		
20	64QAM	50	0	21.43	21.68	21.70		
20	64QAM	50	24	21.59	21.62	21.71	22.5	3
20	64QAM	50	50	21.59	21.62	21.76		
20	64QAM	100	0	21.56	21.61	21.69		
20	256QAM	1	0	19.57	19.86	19.63		
20	256QAM	1	49	19.56	19.65	19.61	20.5	5
20	256QAM	1	99	19.40	19.45	19.39		
20	256QAM	50	0	19.61	19.63	19.62		
20	256QAM	50	24	19.60	19.66	19.61	20.5	5
20	256QAM	50	50	19.33	19.44	19.33		
20	256QAM	100	0	19.51	19.59	19.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.55	24.87	24.61		
15	QPSK	1	37	24.52	24.81	24.55	25.5	0
15	QPSK	1	74	24.53	24.57	24.56		
15	QPSK	36	0	23.58	23.82	23.60		
15	QPSK	36	20	23.38	23.57	23.67	24.5	1
15	QPSK	36	39	23.53	23.60	23.58		
15	QPSK	75	0	23.50	23.60	23.63		
15	16QAM	1	0	23.73	23.85	23.93		
15	16QAM	1	37	23.71	23.77	23.88	24.5	1
15	16QAM	1	74	23.69	23.82	23.81		
15	16QAM	36	0	22.36	22.68	22.68		
15	16QAM	36	20	22.52	22.61	22.64	23.5	2
15	16QAM	36	39	22.48	22.62	22.74		
15	16QAM	75	0	22.53	22.56	22.69		
15	64QAM	1	0	22.63	22.70	22.70		
15	64QAM	1	37	22.61	22.67	22.70	23.5	2
15	64QAM	1	74	22.54	22.77	22.68		
15	64QAM	36	0	21.38	21.56	21.69		
15	64QAM	36	20	21.58	21.54	21.61	22.5	3
15	64QAM	36	39	21.56	21.53	21.73		
15	64QAM	75	0	21.51	21.64	21.64		
15	256QAM	1	0	19.45	19.65	19.62		
15	256QAM	1	37	19.53	19.62	19.50	20.5	5
15	256QAM	1	74	19.32	19.33	19.29		
15	256QAM	36	0	19.53	19.58	19.54		
15	256QAM	36	20	19.56	19.65	19.55	20.5	5
15	256QAM	36	39	19.29	19.41	19.27		
15	256QAM	75	0	19.49	19.53	19.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.58	24.86	24.53		
10	QPSK	1	25	24.54	24.59	24.55	25.5	0
10	QPSK	1	49	24.55	24.60	24.59		
10	QPSK	25	0	23.50	23.64	23.62		
10	QPSK	25	12	23.38	23.60	23.58	24.5	1
10	QPSK	25	25	23.58	23.63	23.57		
10	QPSK	50	0	23.52	23.63	23.62		
10	16QAM	1	0	23.69	23.77	23.86		
10	16QAM	1	25	23.69	23.75	23.89	24.5	1
10	16QAM	1	49	23.70	23.83	23.84		
10	16QAM	25	0	22.34	22.60	22.68		
10	16QAM	25	12	22.52	22.62	22.65	23.5	2
10	16QAM	25	25	22.49	22.60	22.64		
10	16QAM	50	0	22.48	22.54	22.67		
10	64QAM	1	0	22.54	22.75	22.75		
10	64QAM	1	25	22.53	22.67	22.73	23.5	2
10	64QAM	1	49	22.60	22.71	22.72		
10	64QAM	25	0	21.40	21.58	21.64		
10	64QAM	25	12	21.50	21.59	21.67	22.5	3
10	64QAM	25	25	21.52	21.51	21.72		
10	64QAM	50	0	21.44	21.54	21.61		
10	256QAM	1	0	19.46	19.57	19.57		
10	256QAM	1	25	19.49	19.55	19.60	20.5	5
10	256QAM	1	49	19.39	19.44	19.30		
10	256QAM	25	0	19.54	19.54	19.61		
10	256QAM	25	12	19.50	19.65	19.58	20.5	5
10	256QAM	25	25	19.21	19.36	19.24		
10	256QAM	50	0	19.43	19.47	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.53	24.83	24.55		
5	QPSK	1	12	24.60	24.64	24.51	25.5	0
5	QPSK	1	24	24.55	24.62	24.59		
5	QPSK	12	0	23.54	23.76	23.67		
5	QPSK	12	7	23.39	23.67	23.59	24.5	1
5	QPSK	12	13	23.54	23.54	23.67		
5	QPSK	25	0	23.58	23.60	23.62		
5	16QAM	1	0	23.71	23.79	23.93		
5	16QAM	1	12	23.77	23.77	23.85	24.5	1
5	16QAM	1	24	23.66	23.78	23.74		
5	16QAM	12	0	22.38	22.67	22.73		
5	16QAM	12	7	22.54	22.62	22.66	23.5	2
5	16QAM	12	13	22.55	22.56	22.74		
5	16QAM	25	0	22.47	22.54	22.67		
5	64QAM	1	0	22.54	22.64	22.74		
5	64QAM	1	12	22.52	22.68	22.74	23.5	2
5	64QAM	1	24	22.60	22.65	22.66		
5	64QAM	12	0	21.38	21.56	21.59		
5	64QAM	12	7	21.55	21.51	21.66	22.5	3
5	64QAM	12	13	21.56	21.52	21.66		
5	64QAM	25	0	21.49	21.53	21.57		
5	256QAM	1	0	19.55	19.54	19.60		
5	256QAM	1	12	19.51	19.64	19.58	20.5	5
5	256QAM	1	24	19.37	19.40	19.27		
5	256QAM	12	0	19.57	19.55	19.52		
5	256QAM	12	7	19.58	19.54	19.50	20.5	5
5	256QAM	12	13	19.29	19.32	19.28		
5	256QAM	25	0	19.44	19.56	19.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.51	24.59	24.63		
3	QPSK	1	8	24.58	24.82	24.56	25.5	0
3	QPSK	1	14	24.44	24.63	24.60		
3	QPSK	8	0	23.56	23.61	23.64		
3	QPSK	8	4	23.38	23.63	23.64	24.5	1
3	QPSK	8	7	23.53	23.62	23.58		
3	QPSK	15	0	23.53	23.65	23.54		
3	16QAM	1	0	23.72	23.79	23.84		
3	16QAM	1	8	23.72	23.80	23.85	24.5	1
3	16QAM	1	14	23.74	23.78	23.74		
3	16QAM	8	0	22.37	22.60	22.62		
3	16QAM	8	4	22.49	22.80	22.71	23.5	2
3	16QAM	8	7	22.50	22.54	22.69		
3	16QAM	15	0	22.49	22.61	22.61		
3	64QAM	1	0	22.61	22.73	22.73		
3	64QAM	1	8	22.58	22.69	22.75	23.5	2
3	64QAM	1	14	22.50	22.66	22.63		
3	64QAM	8	0	21.36	21.56	21.62		
3	64QAM	8	4	21.50	21.51	21.62	22.5	3
3	64QAM	8	7	21.56	21.56	21.67		
3	64QAM	15	0	21.52	21.64	21.58		
3	256QAM	1	0	19.54	19.63	19.52		
3	256QAM	1	8	19.50	19.63	19.49	20.5	5
3	256QAM	1	14	19.39	19.34	19.27		
3	256QAM	8	0	19.49	19.62	19.52		
3	256QAM	8	4	19.52	19.66	19.56	20.5	5
3	256QAM	8	7	19.22	19.39	19.23		
3	256QAM	15	0	19.45	19.52	19.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.59	24.65	24.58		
1.4	QPSK	1	3	24.57	24.61	24.58		
1.4	QPSK	1	5	24.55	24.56	24.52	25.5	0
1.4	QPSK	3	0	24.50	24.62	24.52		
1.4	QPSK	3	1	24.56	24.55	24.48		
1.4	QPSK	3	3	24.49	24.49	24.43		
1.4	QPSK	6	0	23.56	23.59	23.62	24.5	1
1.4	16QAM	1	0	23.79	23.79	23.88		
1.4	16QAM	1	3	23.75	23.84	23.84		
1.4	16QAM	1	5	23.63	23.84	23.85	24.5	1
1.4	16QAM	3	0	23.75	23.78	23.86		
1.4	16QAM	3	1	23.71	23.72	23.82		
1.4	16QAM	3	3	23.52	23.82	23.78		
1.4	16QAM	6	0	22.45	22.53	22.58	23.5	2
1.4	64QAM	1	0	22.56	22.75	22.69		
1.4	64QAM	1	3	22.55	22.74	22.79		
1.4	64QAM	1	5	22.56	22.67	22.66	23.5	2
1.4	64QAM	3	0	22.48	22.69	22.68		
1.4	64QAM	3	1	22.48	22.65	22.75		
1.4	64QAM	3	3	22.46	22.60	22.65		
1.4	64QAM	6	0	21.52	21.55	21.59	22.5	3
1.4	256QAM	1	0	19.49	19.63	19.55		
1.4	256QAM	1	3	19.51	19.56	19.51		
1.4	256QAM	1	5	19.32	19.43	19.38	20.5	5
1.4	256QAM	3	0	19.55	19.55	19.54		
1.4	256QAM	3	1	19.51	19.55	19.59		
1.4	256QAM	3	3	19.23	19.34	19.26		
1.4	256QAM	6	0	19.47	19.48	19.41	20.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.68	24.65		
10	QPSK	1	25	24.55	24.56	24.64	25.5	0
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64		
10	QPSK	25	12	23.51	23.52	23.62	24.5	1
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82		
10	16QAM	1	25	23.73	23.82	23.81

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.80	16.87	16.83	18	0
20	QPSK	1	49	16.67	16.65	16.82		
20	QPSK	1	99	16.76	16.67	16.76		
20	QPSK	50	0	16.71	16.72	16.68	18	0
20	QPSK	50	24	16.65	16.58	16.61		
20	QPSK	50	50	16.66	16.61	16.63		
20	QPSK	100	0	16.56	16.65	16.49		
20	16QAM	1	0	16.58	16.68	16.66	18	0
20	16QAM	1	49	16.53	16.67	16.78		
20	16QAM	1	99	16.79	16.67	16.57		
20	16QAM	50	0	16.69	16.69	16.61	18	0
20	16QAM	50	24	16.61	16.68	16.58		
20	16QAM	50	50	16.80	16.65	16.58		
20	16QAM	100	0	16.54	16.60	16.65		
20	64QAM	1	0	16.70	16.62	16.61	18	0
20	64QAM	1	49	16.83	16.65	16.62		
20	64QAM	1	99	16.67	16.73	16.70		
20	64QAM	50	0	16.55	16.59	16.56	18	0
20	64QAM	50	24	16.56	16.75	16.62		
20	64QAM	50	50	16.71	16.63	16.69		
20	64QAM	100	0	16.54	16.69	16.47		
20	256QAM	1	0	16.70	16.62	16.42	18	0
20	256QAM	1	49	16.66	16.58	16.51		
20	256QAM	1	99	16.65	16.53	16.54		
20	256QAM	50	0	16.59	16.51	16.46	18	0
20	256QAM	50	24	16.61	16.69	16.67		
20	256QAM	50	50	16.52	16.45	16.56		
20	256QAM	100	0	16.41	16.41	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.62	16.83	16.74	18	0
15	QPSK	1	37	16.60	16.61	16.83		
15	QPSK	1	74	16.78	16.83	16.74		
15	QPSK	36	0	16.77	16.80	16.77	18	0
15	QPSK	36	20	16.55	16.57	16.71		
15	QPSK	36	39	16.67	16.55	16.54		
15	QPSK	75	0	16.63	16.74	16.66		
15	16QAM	1	0	16.62	16.60	16.72	18	0
15	16QAM	1	37	16.52	16.58	16.71		
15	16QAM	1	74	16.63	16.63	16.68		
15	16QAM	36	0	16.71	16.71	16.72	18	0
15	16QAM	36	20	16.60	16.54	16.70		
15	16QAM	36	39	16.79	16.65	16.58		
15	16QAM	75	0	16.53	16.70	16.64		
15	64QAM	1	0	16.72	16.75	16.51	18	0
15	64QAM	1	37	16.76	16.69	16.70		
15	64QAM	1	74	16.84	16.63	16.79		
15	64QAM	36	0	16.64	16.66	16.61	18	0
15	64QAM	36	20	16.63	16.61	16.63		
15	64QAM	36	39	16.71	16.70	16.51		
15	64QAM	75	0	16.60	16.65	16.67		
15	256QAM	1	0	16.52	16.63	16.58	18	0
15	256QAM	1	37	16.57	16.53	16.48		
15	256QAM	1	74	16.68	16.43	16.55		
15	256QAM	36	0	16.56	16.43	16.49	18	0
15	256QAM	36	20	16.51	16.64	16.66		
15	256QAM	36	39	16.48	16.59	16.48		
15	256QAM	75	0	16.55	16.54	16.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.64	16.74	16.69	18	0
10	QPSK	1	25	16.69	16.62	16.81		
10	QPSK	1	49	16.59	16.66	16.74		
10	QPSK	25	0	16.61	16.73	16.74	18	0
10	QPSK	25	12	16.53	16.66	16.60		
10	QPSK	25	25	16.70	16.64	16.62		
10	QPSK	50	0	16.52	16.63	16.64		
10	16QAM	1	0	16.74	16.58	16.70	18	0
10	16QAM	1	25	16.51	16.62	16.70		
10	16QAM	1	49	16.79	16.74	16.61		
10	16QAM	25	0	16.76	16.71	16.54	18	0
10	16QAM	25	12	16.67	16.57	16.73		
10	16QAM	25	25	16.74	16.56	16.69		
10	16QAM	50	0	16.57	16.61	16.59		
10	64QAM	1	0	16.63	16.55	16.65	18	0
10	64QAM	1	25	16.64	16.71	16.71		
10	64QAM	1	49	16.77	16.66	16.71		
10	64QAM	25	0	16.71	16.64	16.57	18	0
10	64QAM	25	12	16.68	16.66	16.62		
10	64QAM	25	25	16.78	16.66	16.70		
10	64QAM	50	0	16.63	16.56	16.47		
10	256QAM	1	0	16.54	16.64	16.49	18	0
10	256QAM	1	25	16.71	16.50	16.45		
10	256QAM	1	49	16.64	16.55	16.49		
10	256QAM	25	0	16.56	16.39	16.41	18	0
10	256QAM	25	12	16.62	16.55	16.64		
10	256QAM	25	25	16.51	16.48	16.49		
10	256QAM	50	0	16.40	16.51	16.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.69	16.73	16.73	18	0
5	QPSK	1	12	16.64	16.64	16.83		
5	QPSK	1	24	16.71	16.86	16.74		
5	QPSK	12	0	16.69	16.76	16.78	18	0
5	QPSK	12	7	16.53	16.56	16.75		
5	QPSK	12	13	16.72	16.64	16.65		
5	QPSK	25	0	16.54	16.73	16.64		
5	16QAM	1	0	16.71	16.63	16.71	18	0
5	16QAM	1	12	16.59	16.70	16.62		
5	16QAM	1	24	16.76	16.75	16.52		
5	16QAM	12	0	16.65	16.66	16.70	18	0
5	16QAM	12	7	16.59	16.58	16.60		
5	16QAM	12	13	16.81	16.71	16.68		
5	16QAM	25	0	16.67	16.61	16.63		
5	64QAM	1	0	16.61	16.69	16.65	18	0
5	64QAM	1	12	16.66	16.66	16.67		
5	64QAM	1	24	16.82	16.67	16.80		
5	64QAM	12	0	16.60	16.59	16.57	18	0
5	64QAM	12	7	16.60	16.59	16.68		
5	64QAM	12	13	16.71	16.59	16.55		
5	64QAM	25	0	16.65	16.59	16.57		
5	256QAM	1	0	16.55	16.64	16.48	18	0
5	256QAM	1	12	16.59	16.54	16.47		
5	256QAM	1	24	16.63	16.54	16.39		
5	256QAM	12	0	16.43	16.37	16.47	18	0
5	256QAM	12	7	16.59	16.64	16.53		
5	256QAM	12	13	16.40	16.54	16.49		
5	256QAM	25	0	16.46	16.57	16.53		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.41	19.50	19.45	20.5	0
20	QPSK	1	49	19.35	19.44	19.31		
20	QPSK	1	99	19.39	19.48	19.41		
20	QPSK	50	0	19.43	19.48	19.47	20.5	0
20	QPSK	50	24	19.38	19.36	19.38		
20	QPSK	50	50	19.41	19.46	19.44		
20	QPSK	100	0	19.39	19.46	19.45		
20	16QAM	1	0	19.30	19.37	19.41	20.5	0
20	16QAM	1	49	19.43	19.44	19.41		
20	16QAM	1	99	19.49	19.45	19.43		
20	16QAM	50	0	19.06	19.29	19.26	20.5	0
20	16QAM	50	24	19.12	19.26	19.22		
20	16QAM	50	50	19.27	19.27	19.25		
20	16QAM	100	0	19.10	19.23	19.19		
20	64QAM	1	0	18.81	18.93	18.94	20.5	0
20	64QAM	1	49	18.94	19.02	19.01		
20	64QAM	1	99	18.96	19.00	19.00		
20	64QAM	50	0	19.04	19.31	19.23	20.5	0
20	64QAM	50	24	19.15	19.29	19.21		
20	64QAM	50	50	19.20	19.33	19.24		
20	64QAM	100	0	19.09	19.24	19.20		
20	256QAM	1	0	19.02	19.11	19.10	20.5	0
20	256QAM	1	49	19.04	19.09	19.00		
20	256QAM	1	99	19.00	19.24	19.01		
20	256QAM	50	0	19.00	19.09	19.15	20.5	0
20	256QAM	50	24	19.03	19.11	19.07		
20	256QAM	50	50	18.94	19.15	19.08		
20	256QAM	100	0	18.90	19.11	19.03		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.40	19.47	19.43	20.5	0
15	QPSK	1	37	19.32	19.28	19.18		
15	QPSK	1	74	19.22	19.37	19.32		
15	QPSK	36	0	19.37	19.36	19.42	20.5	0
15	QPSK	36	20	19.31	19.16	19.38		
15	QPSK	36	39	19.26	19.44	19.24		
15	QPSK	75	0	19.26	19.29	19.27		
15	16QAM	1	0	19.13	19.31	19.36	20.5	0
15	16QAM	1	37	19.27	19.40	19.24		
15	16QAM	1	74	19.46	19.37	19.40		
15	16QAM	36	0	19.06	19.27	19.09	20.5	0
15	16QAM	36	20	19.01	19.11	19.21		
15	16QAM	36	39	19.22	19.27	19.12		
15	16QAM	75	0	19.04	19.11	19.15		
15	64QAM	1	0	18.65	18.84	18.84	20.5	0
15	64QAM	1	37	18.86	18.83	18.92		
15	64QAM	1	74	18.85	19.00	18.81		
15	64QAM	36	0	18.93	19.13	19.18	20.5	0
15	64QAM	36	20	19.08	19.22	19.03		
15	64QAM	36	39	19.05	19.24	19.15		
15	64QAM	75	0	18.90	19.15	19.06		
15	256QAM	1	0	18.97	19.08	18.94	20.5	0
15	256QAM	1	37	18.86	18.94	18.82		
15	256QAM	1	74	19.00	19.18	18.82		
15	256QAM	36	0	19.00	19.00	19.06	20.5	0
15	256QAM	36	20	19.01	19.04	18.92		
15	256QAM	36	39	18.94	19.03	19.01		
15	256QAM	75	0	18.88	18.94	18.85		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.34	19.40	19.30	20.5	0
10	QPSK	1	25	19.25	19.36	19.14		
10	QPSK	1	49	19.21	19.39	19.33		
10	QPSK	25	0	19.38	19.38	19.29	20.5	0
10	QPSK	25	12	19.19	19.33	19.19		
10	QPSK	25	25	19.40	19.35	19.33		
10	QPSK	50	0	19.23	19.34	19.31		
10	16QAM	1	0	19.13	19.21	19.32	20.5	0
10	16QAM	1	25	19.31	19.24	19.27		
10	16QAM	1	49	19.41	19.39	19.34		
10	16QAM	25	0	18.98	19.18	19.16	20.5	0
10	16QAM	25	12	19.01	19.10	19.14		
10	16QAM	25	25	19.13	19.26	19.20		
10	16QAM	50	0	18.97	19.13	19.09		
10	64QAM	1	0	18.77	18.78	18.86	20.5	0
10	64QAM	1	25	18.93	18.97	18.92		
10	64QAM	1	49	18.83	18.84	18.96		
10	64QAM	25	0	19.02	19.21	19.05	20.5	0
10	64QAM	25	12	19.07	19.28	19.08		
10	64QAM	25	25	19.20	19.30	19.08		
10	64QAM	50	0	19.03	19.13	19.06		
10	256QAM	1	0	18.89	19.07	19.08	20.5	0
10	256QAM	1	25	18.90	19.02	18.84		
10	256QAM	1	49	18.83	19.19	18.84		
10	256QAM	25	0	18.81	18.91	18.96	20.5	0
10	256QAM	25	12	18.92	19.09	19.02		
10	256QAM	25	25	18.77	18.96	19.08		
10	256QAM	50	0	18.87	18.96	18.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.40	19.47	19.42	20.5	0
5	QPSK	1	12	19.24	19.41	19.27		
5	QPSK	1	24	19.29	19.34	19.29		
5	QPSK	12	0	19.43	19.33	19.29	20.5	0
5	QPSK	12	7	19.19	19.29	19.30		
5	QPSK	12	13	19.22	19.27	19.25		
5	QPSK	25	0	19.32	19.35	19.34		
5	16QAM	1	0	19.14	19.24	19.34	20.5	0
5	16QAM	1	12	19.33	19.28	19.41		
5	16QAM	1	24	19.48	19.45	19.41		
5	16QAM	12	0	18.93	19.14	19.19	20.5	0
5	16QAM	12	7	18.98	19.25	19.18		
5	16QAM	12	13	19.27	19.20	19.07		
5	16QAM	25	0	18.97	19.16	19.10		
5	64QAM	1	0	18.79	18.90	18.87	20.5	0
5	64QAM	1	12	18.83	18.97	18.92		
5	64QAM	1	24	18.93	18.81	18.80		
5	64QAM	12	0	18.93	19.19	19.21	20.5	0
5	64QAM	12	7	19.09	19.19	19.08		
5	64QAM	12	13	19.16	19.13	19.11		
5	64QAM	25	0	19.09	19.24	19.03		
5	256QAM	1	0	18.87	19.11	18.96	20.5	0
5	256QAM	1	12	18.87	19.09	18.93		
5	256QAM	1	24	18.98	19.06	19.01		
5	256QAM	12	0	18.88	19.02	19.10	20.5	0
5	256QAM	12	7	18.93	18.91	18.99		
5	256QAM	12	13	18.90	18.97	19.06		
5	256QAM	25	0	18.70	18.94	18.96		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.49	18.57	18.44	19.5	0
20	QPSK	1	49	18.32	18.38	18.24		
20	QPSK	1	99	18.43	18.50	18.41		
20	QPSK	50	0	18.48	18.55	18.41	19.5	0
20	QPSK	50	24	18.31	18.45	18.29		
20	QPSK	50	50	18.35	18.13	18.40		
20	QPSK	100	0	18.39	18.50	18.38		
20	16QAM	1	0	18.47	18.28	18.53	19.5	0
20	16QAM	1	49	18.28	18.47	18.51		
20	16QAM	1	99	18.39	18.56	18.43		
20	16QAM	50	0	18.50	18.24	18.20	19.5	0
20	16QAM	50	24	18.46	18.48	18.22		
20	16QAM	50	50	18.50	18.43	18.14		
20	16QAM	100	0	18.38	18.27	18.17		
20	64QAM	1	0	18.24	18.33	18.48	19.5	0
20	64QAM	1	49	18.47	18.33	18.42		
20	64QAM	1	99	18.56	18.35	18.46		
20	64QAM	50	0	18.32	18.37	18.41	19.5	0
20	64QAM	50	24	18.46	18.41	18.35		
20	64QAM	50	50	18.34	18.23	18.33		
20	64QAM	100	0	18.34	18.43	18.16		
20	256QAM	1	0	17.52	17.62	17.50	19	0.5
20	256QAM	1	49	17.58	17.64	17.57		
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46	19	0.5
20	256QAM	50	24	17.50	17.56	17.52		
20	256QAM	50	50	17.61	17.63	17.59		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.38	18.52	18.42	19.5	0
15	QPSK	1	37	18.22	18.29	18.13		
15	QPSK	1	74	18.37	18.38	18.32		
15	QPSK	36	0	18.41	18.49	18.46	19.5	0
15	QPSK	36	20	18.28	18.34	18.24		
15	QPSK	36	39	18.26	18.07	18.28		
15	QPSK	75	0	18.32	18.39	18.36		
15	16QAM	1	0	18.36	18.21	18.44	19.5	0
15	16QAM	1	37	18.21	18.45	18.49		
15	16QAM	1	74	18.29	18.45	18.36		
15	16QAM	36	0	18.45	18.16	18.15	19.5	0
15	16QAM	36	20	18.39	18.45	18.14		
15	16QAM	36	39	18.38	18.39	18.08		
15	16QAM	75	0	18.34	18.25	18.05		
15	64QAM	1	0	18.13	18.21	18.45	19.5	0
15	64QAM	1	37	18.35	18.26	18.35		
15	64QAM	1	74	18.46	18.26	18.39		
15	64QAM	36	0	18.30	18.29	18.33	19.5	0
15	64QAM	36	20	18.34	18.34	18.29		
15	64QAM	36	39	18.29	18.11	18.25		
15	64QAM	75	0	18.25	18.37	18.14		
15	256QAM	1	0	17.43	17.50	17.38	19	0.5
15	256QAM	1	37	17.53	17.60	17.45		
15	256QAM	1	74	17.47	17.59	17.54		
15	256QAM	36	0	17.41	17.50	17.41	19	0.5
15	256QAM	36	20	17.47	17.50	17.45		
15	256QAM	36	39	17.56	17.61	17.49		
15	256QAM	75	0	17.31	17.48	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.37	18.51	18.50	19.5	0
10	QPSK	1	25	18.20	18.35	18.20		
10	QPSK	1	49	18.37	18.42	18.31		
10	QPSK	25	0	18.46	18.44	18.42	19.5	0
10	QPSK	25	12	18.23	18.38	18.18		
10	QPSK	25	25	18.30	18.03	18.34		
10	QPSK	50	0	18.33	18.47	18.31		
10	16QAM	1	0	18.44	18.25	18.47	19.5	0
10	16QAM	1	25	18.18	18.38	18.43		
10	16QAM	1	49	18.28	18.54	18.40		
10	16QAM	25	0	18.38	18.16	18.15	19.5	0
10	16QAM	25	12	18.44	18.44	18.13		
10	16QAM	25	25	18.39	18.32	18.02		
10	16QAM	50	0	18.35	18.15	18.09		
10	64QAM	1	0	18.22	18.29	18.38	19.5	0
10	64QAM	1	25	18.39	18.25	18.38		
10	64QAM	1	49	18.53	18.31	18.43		
10	64QAM	25	0	18.25	18.29	18.36	19.5	0
10	64QAM	25	12	18.36	18.35	18.32		
10	64QAM	25	25	18.28	18.16	18.26		
10	64QAM	50	0	18.28	18.38	18.13		
10	256QAM	1	0	17.50	17.53	17.39	19	0.5
10	256QAM	1	25	17.47	17.55	17.54		
10	256QAM	1	49	17.51	17.62	17.52		
10	256QAM	25	0	17.45	17.52	17.37	19	0.5
10	256QAM	25	12	17.44	17.53	17.40		
10	256QAM	25	25	17.56	17.59	17.54		
10	256QAM	50	0	17.27	17.42	17.43		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.45	18.46	18.43	19.5	0
5	QPSK	1	12	18.29	18.36	18.14		
5	QPSK	1	24	18.40	18.43	18.31		
5	QPSK	12	0	18.42	18.43	18.42	19.5	0
5	QPSK	12	7	18.19	18.35	18.19		
5	QPSK	12	13	18.24	18.02	18.37		
5	QPSK	25	0	18.32	18.45	18.28		
5	16QAM	1	0	18.35	18.24	18.46	19.5	0
5	16QAM	1	12	18.21	18.44	18.41		
5	16QAM	1	24	18.27	18.45	18.33		
5	16QAM	12	0	18.43	18.20	18.16	19.5	0
5	16QAM	12	7	18.34	18.42	18.20		
5	16QAM	12	13	18.38	18.31	18.11		
5	16QAM	25	0	18.36	18.21	18.08		
5	64QAM	1	0	18.20	18.30	18.38	19.5	0
5	64QAM	1	12	18.43	18.31	18.34		
5	64QAM	1	24	18.48	18.26	18.43		
5	64QAM	12	0	18.26	18.34	18.34	19.5	0
5	64QAM	12	7	18.43	18.37	18.24		
5	64QAM	12	13	18.27	18.20	18.23		
5	64QAM	25	0	18.25	18.32	18.08		
5	256QAM	1	0	17.41	17.59	17.41	19	0.5
5	256QAM	1	12	17.47	17.59	17.50		
5	256QAM	1	24	17.50	17.60	17.53		
5	256QAM	12	0	17.51	17.47	17.44	19	0.5
5	256QAM	12	7	17.48	17.49	17.44		
5	256QAM	12	13	17.58	17.53	17.52		
5	256QAM	25	0	17.32	17.46	17.42		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.40	18.59	18.42	19.5	0
20	QPSK	1	49	18.38	18.48	18.39		
20	QPSK	1	99	18.38	18.51	18.37		
20	QPSK	50	0	18.36	18.45	18.37	19.5	0
20	QPSK	50	24	18.28	18.33	18.30		
20	QPSK	50	50	18.32	18.41	18.32		
20	QPSK	100	0	18.27	18.31	18.30		
20	16QAM	1	0	18.40	18.37	18.41	19.5	0
20	16QAM	1	49	18.29	18.48	18.50		
20	16QAM	1	99	18.43	18.25	18.51		
20	16QAM	50	0	18.26	18.36	18.39	19.5	0
20	16QAM	50	24	18.30	18.35	18.32		
20	16QAM	50	50	18.41	18.42	18.34		
20	16QAM	100	0	18.26	18.29	18.27		
20	64QAM	1	0	18.42	18.41	18.38	19.5	0
20	64QAM	1	49	18.48	18.49	18.47		
20	64QAM	1	99	18.40	18.46	18.36		
20	64QAM	50	0	18.27	18.38	18.37	19.5	0
20	64QAM	50	24	18.27	18.33	18.33		
20	64QAM	50	50	18.41	18.41	18.34		
20	64QAM	100	0	18.29	18.31	18.29		
20	256QAM	1	0	18.42	18.45	18.31	19.5	0
20	256QAM	1	49	18.33	18.29	18.17		
20	256QAM	1	99	18.29	18.33	18.24		
20	256QAM	50	0	18.24	18.34	18.23	19.5	0
20	256QAM	50	24	18.38	18.36	18.12		
20	256QAM	50	50	18.29	18.28	18.20		
20	256QAM	100	0	18.33	18.28	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.39	18.57	18.26	19.5	0
15	QPSK	1	37	18.21	18.29	18.37		
15	QPSK	1	74	18.34	18.45	18.29		
15	QPSK	36	0	18.32	18.45	18.18	19.5	0
15	QPSK	36	20	18.11	18.18	18.18		
15	QPSK	36	39	18.19	18.23	18.30		
15	QPSK	75	0	18.27	18.27	18.26		
15	16QAM	1	0	18.32	18.30	18.22	19.5	0
15	16QAM	1	37	18.29	18.43	18.37		
15	16QAM	1	74	18.26	18.07	18.37		
15	16QAM	36	0	18.18	18.18	18.36	19.5	0
15	16QAM	36	20	18.21	18.24	18.14		
15	16QAM	36	39	18.22	18.22	18.15		
15	16QAM	75	0	18.25	18.24	18.07		
15	64QAM	1	0	18.34	18.39	18.36	19.5	0
15	64QAM	1	37	18.41	18.32	18.38		
15	64QAM	1	74	18.39	18.42	18.16		
15	64QAM	36	0	18.25	18.24	18.35	19.5	0
15	64QAM	36	20	18.24	18.33	18.22		
15	64QAM	36	39	18.24	18.39	18.28		
15	64QAM	75	0	18.10	18.15	18.18		
15	256QAM	1	0	18.41	18.39	18.16	19.5	0
15	256QAM	1	37	18.30	18.10	18.09		
15	256QAM	1	74	18.25	18.14	18.11		
15	256QAM	36	0	18.24	18.32	18.03	19.5	0
15	256QAM	36	20	18.34	18.31	18.05		
15	256QAM	36	39	18.25	18.08	18.06		
15	256QAM	75	0	18.27	18.09	18.03		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.37	18.55	18.27	19.5	0
10	QPSK	1	25	18.27	18.34	18.22		
10	QPSK	1	49	18.20	18.37	18.20		
10	QPSK	25	0	18.35	18.31	18.35	19.5	0
10	QPSK	25	12	18.27	18.20	18.14		
10	QPSK	25	25	18.25	18.30	18.17		
10	QPSK	50	0	18.19	18.29	18.20		
10	16QAM	1	0	18.24	18.24	18.29	19.5	0
10	16QAM	1	25	18.12	18.35	18.32		
10	16QAM	1	49	18.41	18.13	18.36		
10	16QAM	25	0	18.20	18.26	18.35	19.5	0
10	16QAM	25	12	18.10	18.30	18.20		
10	16QAM	25	25	18.38	18.25	18.18		
10	16QAM	50	0	18.17	18.16	18.16		
10	64QAM	1	0	18.23	18.35	18.32	19.5	0
10	64QAM	1	25	18.34	18.32	18.42		
10	64QAM	1	49	18.35	18.42	18.31		
10	64QAM	25	0	18.16	18.23	18.17	19.5	0
10	64QAM	25	12	18.27	18.22	18.26		
10	64QAM	25	25	18.41	18.21	18.17		
10	64QAM	50	0	18.17	18.23	18.24		
10	256QAM	1	0	18.40	18.35	18.30	19.5	0
10	256QAM	1	25	18.27	18.14	18.07		
10	256QAM	1	49	18.15	18.27	18.06		
10	256QAM	25	0	18.19	18.33	18.15	19.5	0
10	256QAM	25	12	18.36	18.33	18.09		
10	256QAM	25	25	18.22	18.20	18.18		
10	256QAM	50	0	18.28	18.25	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.36	18.44	18.32	19.5	0
5	QPSK	1	12	18.38	18.29	18.19		
5	QPSK	1	24	18.33	18.44	18.24		
5	QPSK	12	0	18.17	18.30	18.25	19.5	0
5	QPSK	12	7	18.22	18.31	18.11		
5	QPSK	12	13	18.24	18.24	18.23		
5	QPSK	25	0	18.24	18.28	18.27		
5	16QAM	1	0	18.37	18.17	18.32	19.5	0
5	16QAM	1	12	18.14	18.41	18.40		
5	16QAM	1	24	18.37	18.15	18.40		
5	16QAM	12	0	18.11	18.20	18.30	19.5	0
5	16QAM	12	7	18.10	18.25	18.32		
5	16QAM	12	13	18.34	18.30	18.15		
5	16QAM	25	0	18.09	18.12	18.12		
5	64QAM	1	0	18.24	18.25	18.25	19.5	0
5	64QAM	1	12	18.45	18.35	18.46		
5	64QAM	1	24	18.23	18.46	18.26		
5	64QAM	12	0	18.21	18.30	18.21	19.5	0
5	64QAM	12	7	18.24	18.27	18.32		
5	64QAM	12	13	18.22	18.34	18.23		
5	64QAM	25	0	18.13	18.26	18.21		
5	256QAM	1	0	18.40	18.38	18.17	19.5	0
5	256QAM	1	12	18.28	18.21	18.11		
5	256QAM	1	24	18.28	18.14	18.11		
5	256QAM	12	0	18.22	18.20	18.17	19.5	0
5	256QAM	12	7	18.26	18.26	18.11		
5	256QAM	12	13	18.22	18.28	18.14		
5	256QAM	25	0	18.13	18.25	18.06		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.52	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.68	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.26	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.18	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.48	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.08	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.14	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.86	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.79		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.68	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.56	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.58	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.67	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.55	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.58		25.5	0
10	QPSK	1	25		24.57			
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.52		24.5	1
10	QPSK	25	12		23.53			
10	QPSK	25	25		23.52			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.76		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.78			
10	16QAM	25	0		22.60		23.5	2
10	16QAM	25	12		22.51			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.54			
10	64QAM	1	0		22.62		23.5	2
10	64QAM	1	25		22.66			
10	64QAM	1	49		22.62			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.51			
10	64QAM	25	25		21.47			
10	64QAM	50	0		21.51			
10	256QAM	1	0		19.56		20.5	5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.56			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.48			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.39			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.36	24.45	24.46	25.5	0
5	QPSK	1	12	24.51	24.50	24.51		
5	QPSK	1	24	24.41	24.40	24.43		
5	QPSK	12	0	23.41	23.45	23.52	24.5	1
5	QPSK	12	7	23.30	23.49	23.42		
5	QPSK	12	13	23.40	23.39	23.43		
5	QPSK	25	0	23.36	23.45	23.48		
5	16QAM	1	0	23.69	23.62	23.74	24.5	1
5	16QAM	1	12	23.60	23.66	23.72		
5	16QAM	1	24	23.88	23.63	23.67		
5	16QAM	12	0	22.45	22.53	22.51	23.5	2
5	16QAM	12	7	22.34	22.27	22.39		
5	16QAM	12	13	22.24	22.39	22.42		
5	16QAM	25	0	22.43	22.35	22.48		
5	64QAM	1	0	22.51	22.51	22.50	23.5	2
5	64QAM	1	12	22.51	22.56	22.59		
5	64QAM	1	24	22.54	22.55	22.53		
5	64QAM	12	0	21.39	21.47	21.55	22.5	3
5	64QAM	12	7	21.45	21.41	21.40		
5	64QAM	12	13	21.39	21.29	21.35		
5	64QAM	25	0	21.38	21.37	21.39		
5	256QAM	1	0	19.42	19.42	19.47	20.5	5
5	256QAM	1	12	19.49	19.40	19.53		
5	256QAM	1	24	19.47	19.37	19.54		
5	256QAM	12	0	19.31	19.24	19.40	20.5	5
5	256QAM	12	7	19.46	19.38	19.37		
5	256QAM	12	13	19.38	19.43	19.56		
5	256QAM	25	0	19.26	19.23	19.36		
Channel				23105	23230	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				778.5	782	785.5		
3	QPSK	1	0	24.34	24.56	24.55	25.5	0
3	QPSK	1	8	24.49	24.44	24.54		
3	QPSK	1	14	24.36	24.40	24.43		
3	QPSK	8	0	23.40	23.47	23.51	24.5	1
3	QPSK	8	4	23.30	23.47	23.45		
3	QPSK	8	7	23.40	23.37	23.43		
3	QPSK	15	0	23.45	23.46	23.49		
3	16QAM	1	0	23.64	23.60	23.64	24.5	1
3	16QAM	1	8	23.65	23.64	23.71		
3	16QAM	1	14	23.72	23.65	23.67		
3	16QAM	8	0	22.44	22.48	22.58	23.5	2
3	16QAM	8	4	22.43	22.48	22.42		
3	16QAM	8	7	22.23	22.35	22.37		
3	16QAM	15	0	22.37	22.43	22.53		
3	64QAM	1	0	22.51	22.46	22.51	23.5	2
3	64QAM	1	8	22.61	22.53	22.54		
3	64QAM	1	14	22.57	22.54	22.57		
3	64QAM	8	0	21.40	21.40	21.44	22.5	3
3	64QAM	8	4	21.49	21.40	21.43		
3	64QAM	8	7	21.42	21.28	21.38		
3	64QAM	15	0	21.35	21.30	21.44		
3	256QAM	1	0	19.45	19.44	19.53	20.5	5
3	256QAM	1	8	19.49	19.44	19.53		
3	256QAM	1	14	19.43	19.51	19.51		
3	256QAM	8	0	19.29	19.30	19.41	20.5	5
3	256QAM	8	4	19.36	19.39	19.38		
3	256QAM	8	7	19.35	19.45	19.49		
3	256QAM	15	0	19.29	19.19	19.38		
Channel				23187	23230	23273	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				777.7	782	786.3		
1.4	QPSK	1	0	24.34	24.45	24.48	25.5	0
1.4	QPSK	1	3	24.40	24.52	24.56		
1.4	QPSK	1	5	24.41	24.45	24.50		
1.4	QPSK	3	0	24.26	24.37	24.38		
1.4	QPSK	3	1	24.35	24.47	24.54		
1.4	QPSK	3	3	24.29	24.34	24.43		
1.4	QPSK	6	0	23.42	23.44	23.51	24.5	1
1.4	16QAM	1	0	23.58	23.57	23.66	24.5	1
1.4	16QAM	1	3	23.60	23.61	23.70		
1.4	16QAM	1	5	23.63	23.62	23.76		
1.4	16QAM	3	0	23.46	23.55	23.58		
1.4	16QAM	3	1	23.53	23.51	23.59		
1.4	16QAM	3	3	23.56	23.50	23.70		
1.4	16QAM	6	0	22.38	22.46	22.43	23.5	2
1.4	64QAM	1	0	22.50	22.51	22.51	23.5	2
1.4	64QAM	1	3	22.50	22.61	22.61		
1.4	64QAM	1	5	22.49	22.48	22.50		
1.4	64QAM	3	0	22.41	22.49	22.46		
1.4	64QAM	3	1	22.47	22.57	22.59		
1.4	64QAM	3	3	22.46	22.37	22.43		
1.4	64QAM	6	0	21.36	21.33	21.41	22.5	3
1.4	256QAM	1	0	19.49	19.46	19.47	20.5	5
1.4	256QAM	1	3	19.40	19.50	19.48		
1.4	256QAM	1	5	19.41	19.43	19.47		
1.4	256QAM	3	0	19.31	19.31	19.36		
1.4	256QAM	3	1	19.38	19.32	19.45		
1.4	256QAM	3	3	19.40	19.42	19.53		
1.4	256QAM	6	0	19.31	19.22	19.37	20.5	5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.69		24.5	0
10	QPSK	1	25		22.60			
10	QPSK	1	49		22.68			
10	QPSK	25	0		22.65		24.5	0
10	QPSK	25	12		22.53			
10	QPSK	25	25		22.61			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.44		24.5	0
10	16QAM	1	25		22.58			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.12		23.5	1
10	16QAM	25	12		21.15			
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.33		23.5	1
10	64QAM	1	25		21.36			
10	64QAM	1	49		21.51			
10	64QAM	25	0		20.27		22.5	2

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.66	24.65	25.5	0
10	QPSK	1	25	24.62	24.63	24.60		
10	QPSK	1	49	24.53	24.58	24.47	24.5	1
10	QPSK	25	0	23.61	23.65	23.64		
10	QPSK	25	12	23.58	23.57	23.57		
10	QPSK	25	25	23.53	23.57	23.53		
10	QPSK	50	0	23.59	23.60	23.58		
10	16QAM	1	0	23.77	23.85	23.77		
10	16QAM	1	25	23.71	23.76	23.58	24.5	1
10	16QAM	1	49	23.59	23.77	23.59		
10	16QAM	25	0	22.45	22.59	22.52		
10	16QAM	25	12	22.48	22.63	22.45	23.5	2
10	16QAM	25	25	22.38	22.57	22.55		
10	16QAM	50	0	22.42	22.59	22.43		
10	64QAM	1	0	22.74	22.81	22.66		
10	64QAM	1	25	22.67	22.72	22.63	23.5	2
10	64QAM	1	49	22.59	22.67	22.55		
10	64QAM	25	0	21.47	21.58	21.57		
10	64QAM	25	12	21.59	21.68	21.57	22.5	3
10	64QAM	25	25	21.37	21.57	21.51		
10	64QAM	50	0	21.55	21.58	21.52		
10	256QAM	1	0	19.47	19.58	19.38		
10	256QAM	1	25	19.36	19.51	19.45	20.5	5
10	256QAM	1	49	19.35	19.52	19.46		
10	256QAM	25	0	19.42	19.49	19.35		
10	256QAM	25	12	19.51	19.57	19.38	20.5	5
10	256QAM	25	25	19.42	19.49	19.37		
10	256QAM	50	0	19.31	19.50	19.48		
Channel				23705	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.56	24.62	24.52	25.5	0
5	QPSK	1	12	24.56	24.41	24.56		
5	QPSK	1	24	24.32	24.50	24.31		
5	QPSK	12	0	23.47	23.45	23.35	24.5	1
5	QPSK	12	7	23.41	23.28	23.33		
5	QPSK	12	13	23.31	23.38	23.39		
5	QPSK	25	0	23.30	23.40	23.34		
5	16QAM	1	0	23.64	23.52	23.46		
5	16QAM	1	12	23.55	23.57	23.36	24.5	1
5	16QAM	1	24	23.27	23.63	23.32		
5	16QAM	12	0	22.15	22.28	22.24		
5	16QAM	12	7	22.34	22.47	22.19	23.5	2
5	16QAM	12	13	22.17	22.32	22.23		
5	16QAM	25	0	22.23	22.35	22.21		
5	64QAM	1	0	22.41	22.53	22.46		
5	64QAM	1	12	22.49	22.56	22.31	23.5	2
5	64QAM	1	24	22.42	22.46	22.26		
5	64QAM	12	0	21.31	21.40	21.32		
5	64QAM	12	7	21.32	21.52	21.25	22.5	3
5	64QAM	12	13	21.14	21.34	21.22		
5	64QAM	25	0	21.24	21.31	21.36		
5	256QAM	1	0	19.18	19.44	19.08		
5	256QAM	1	12	19.14	19.35	19.23	20.5	5
5	256QAM	1	24	19.21	19.33	19.20		
5	256QAM	12	0	19.16	19.21	19.16		
5	256QAM	12	7	19.22	19.44	19.18	20.5	5
5	256QAM	12	13	19.14	19.21	19.06		
5	256QAM	25	0	19.05	19.23	19.32		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.80	23.85	23.83		
10	QPSK	1	25	23.79	23.78	23.77	25.5	0
10	QPSK	1	49	23.57	23.74	23.62		
10	QPSK	25	0	22.69	22.73	22.71		
10	QPSK	25	12	22.66	22.67	22.68	24.5	1
10	QPSK	25	25	22.58	22.68	22.68		
10	QPSK	50	0	22.65	22.69	22.65		
10	16QAM	1	0	22.92	22.93	22.82		
10	16QAM	1	25	22.87	22.85	22.70	24.5	1
10	16QAM	1	49	22.78	22.83	22.65		
10	16QAM	25	0	21.64	21.65	21.61		
10	16QAM	25	12	21.67	21.69	21.59	23.5	2
10	16QAM	25	25	21.63	21.63	21.63		
10	16QAM	50	0	21.62	21.61	21.60		
10	64QAM	1	0	21.78	21.89	21.70		
10	64QAM	1	25	21.74	21.80	21.65	23.5	2
10	64QAM	1	49	21.63	21.73	21.77		
10	64QAM	25	0	20.61	20.63	20.55		
10	64QAM	25	12	20.64	20.73	20.68	22.5	3
10	64QAM	25	25	20.74	20.76	20.59		
10	64QAM	50	0	20.60	20.91	20.76		
10	256QAM	1	0	18.62	18.87	18.56		
10	256QAM	1	25	18.50	18.60	18.60	20.5	5
10	256QAM	1	49	18.61	18.61	18.50		
10	256QAM	25	0	18.57	18.58	18.58		
10	256QAM	25	12	18.50	18.65	18.65	20.5	5
10	256QAM	25	25	18.52	18.55	18.56		
10	256QAM	50	0	18.54	18.57	18.57		
Channel				23705	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.75	23.75	25.5	0
5	QPSK	1	12	23.72	23.67	23.75		
5	QPSK	1	24	23.50	23.72	23.56		
5	QPSK	12	0	22.57	22.62	22.62	24.5	1
5	QPSK	12	7	22.57	22.65	22.56		
5	QPSK	12	13	22.53	22.66	22.56		
5	QPSK	25	0	22.55	22.62	22.63		
5	16QAM	1	0	22.66	22.81	22.77		
5	16QAM	1	12	22.57	22.77	22.66	24.5	1
5	16QAM	1	24	22.76	22.78	22.61		
5	16QAM	12	0	21.58	21.59	21.64		
5	16QAM	12	7	21.60	21.61	21.53	23.5	2
5	16QAM	12	13	21.58	21.53	21.60		
5	16QAM	25	0	21.53	21.54	21.56		
5	64QAM	1	0	21.67	21.82	21.65		
5	64QAM	1	12	21.72	21.78	21.59	23.5	2
5	64QAM	1	24	21.55	21.68	21.54		
5	64QAM	12	0	20.64	20.60	20.50		
5	64QAM	12	7	20.52	20.71	20.56	22.5	3
5	64QAM	12	13	20.67	20.66	20.52		
5	64QAM	25	0	20.52	20.86	20.69		
5	256QAM	1	0	18.59	18.65	18.54		
5	256QAM	1	12	18.58	18.64	18.50	20.5	5
5	256QAM	1	24	18.51	18.64	18.54		
5	256QAM	12	0	18.63	18.62	18.52		
5	256QAM	12	7	18.53	18.58	18.55	20.5	5
5	256QAM	12	13	18.63	18.61	18.64		
5	256QAM	25	0	18.59	18.50	18.52		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61		
15	QPSK	36	20	23.60	23.62	23.66	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.71	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.56	21.72	21.71		
15	256QAM	1	0	19.60	19.62	19.60		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.55		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.83	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.58	23.58		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.81	22.77		
10	64QAM	1	25	22.62	22.71	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.76		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.58		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.48	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.82	22.83	22.87		
5	64QAM	1	12	22.87	22.87	22.80	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.52		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.69	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.48	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.54	23.53	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.57	22.68	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.29	22.39	22.32		
15	QPSK	1	37	22.25	22.33	22.26	24	0
15	QPSK	1	74	22.26	22.23	22.29		
15	QPSK	36	0	22.34	22.37	22.35		
15	QPSK	36	20	22.31	22.29	22.33	24	0
15	QPSK	36	39	22.33	22.35	22.32		
15	QPSK	75	0	22.30	22.35	22.32		
15	16QAM	1	0	22.28	22.31	22.28		
15	16QAM	1	37	22.30	22.29	22.25	24	0
15	16QAM	1	74	22.23	22.28	22.25		
15	16QAM	36	0	21.84	21.87	22.03		
15	16QAM	36	20	21.88	21.90	21.98	23.5	0.5
15	16QAM	36	39	21.90	21.94	21.94		
15	16QAM	75	0	21.87	21.93	21.95		
15	64QAM	1	0	21.89	22.00	22.11		
15	64QAM	1	37	22.05	22.08	22.11	23.5	0.5
15	64QAM	1	74	22.01	22.04	22.08		
15	64QAM	36	0	20.82	20.88	21.00		
15	64QAM	36	20	20.89	20.92	20.98	22.5	1.5
15	64QAM	36	39	20.88	20.93	20.84		
15	64QAM	75	0	20.85	20.92	20.92		
15	256QAM	1	0	18.64	18.80	18.64		
15	256QAM	1	37	18.73	18.83	18.64	20.5	3.5
15	256QAM	1	74	18.76	18.91	18.67		
15	256QAM	36	0	18.83	18.97	18.71		
15	256QAM	36	20	18.78	18.89	18.69	20.5	3.5
15	256QAM	36	39	18.74	18.84	18.68		
15	256QAM	75	0	18.76	18.80	18.60		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.19	22.11	22.01		
10	QPSK	1	25	22.11	22.03	22.14	24	0
10	QPSK	1	49	22.02	22.03	22.06		
10	QPSK	25	0	22.15	22.12	22.12		
10	QPSK	25	12	22.13	22.07	22.16	24	0
10	QPSK	25	25	22.14	22.07	22.18		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.00	22.04	22.18		
10	16QAM	1	25	22.16	22.09	22.05	24	0
10	16QAM	1	49	22.03	22.16	22.08		
10	16QAM	25	0	21.52	21.69	21.75		
10	16QAM	25	12	21.58	21.67	21.67	23.5	0.5
10	16QAM	25	25	21.58	21.76	21.64		
10	16QAM	50	0	21.67	21.72	21.68		
10	64QAM	1	0	21.70	21.82	21.95		
10	64QAM	1	25	21.71	21.77	21.91	23.5	0.5
10	64QAM	1	49	21.81	21.90	21.87		
10	64QAM	25	0	20.60	20.55	20.66		
10	64QAM	25	12	20.71	20.75	20.75	22.5	1.5
10	64QAM	25	25	20.65	20.68	20.67		
10	64QAM	50	0	20.55	20.70	20.61		
10	256QAM	1	0	18.60	18.82	18.72		
10	256QAM	1	25	18.65	18.59	18.63	20.5	3.5
10	256QAM	1	49	18.59	18.68	18.68		
10	256QAM	25	0	18.55	18.64	18.62		
10	256QAM	25	12	18.66	18.67	18.53	20.5	3.5
10	256QAM	25	25	18.54	18.69	18.60		
10	256QAM	50	0	18.56	18.69	18.69		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.04	22.09	22.05		
5	QPSK	1	12	22.06	22.06	22.15	24	0
5	QPSK	1	24	22.01	22.05	22.05		
5	QPSK	12	0	22.08	22.03	22.03		
5	QPSK	12	7	22.10	22.19	22.02	24	0
5	QPSK	12	13	22.07	22.21	22.09		
5	QPSK	25	0	22.15	22.11	22.08		
5	16QAM	1	0	22.14	22.02	22.00		
5	16QAM	1	12	22.17	22.17	22.14	24	0
5	16QAM	1	24	22.11	22.13	22.08		
5	16QAM	12	0	21.82	21.87	21.83		
5	16QAM	12	7	21.72	21.76	21.77	23.5	0.5
5	16QAM	12	13	21.65	21.67	21.61		
5	16QAM	25	0	21.53	21.69	21.62		
5	64QAM	1	0	21.71	21.79	21.91		
5	64QAM	1	12	21.80	21.86	21.82	23.5	0.5
5	64QAM	1	24	21.83	21.82	21.83		
5	64QAM	12	0	20.68	20.66	20.81		
5	64QAM	12	7	20.62	20.68	20.81	22.5	1.5
5	64QAM	12	13	20.54	20.60	20.53		
5	64QAM	25	0	20.64	20.73	20.75		
5	256QAM	1	0	18.60	18.74	18.70		
5	256QAM	1	12	18.55	18.71	18.67	20.5	3.5
5	256QAM	1	24	18.65	18.75	18.68		
5	256QAM	12	0	18.50	18.70	18.56		
5	256QAM	12	7	18.56	18.50	18.65	20.5	3.5
5	256QAM	12	13	18.68	18.68	18.68		
5	256QAM	25	0	18.66	18.69	18.56		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.20	22.14		
3	QPSK	1	8	22.08	22.17	22.04	24	0
3	QPSK	1	14	22.06	22.09	22.04		
3	QPSK	8	0	22.14	22.09	22.07		
3	QPSK	8	4	22.18	22.09	22.01	24	0
3	QPSK	8	7	22.11	22.18	22.00		
3	QPSK	15	0	22.00	22.07	22.07		
3	16QAM	1	0	22.12	22.08	22.03		
3	16QAM	1	8	22.15	22.05	22.19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.57	16.73	16.68		
20	QPSK	1	49	16.56	16.62	16.57	18	0
20	QPSK	1	99	16.45	16.51	16.54		
20	QPSK	50	0	16.66	16.70	16.67		
20	QPSK	50	24	16.61	16.55	16.63	18	0
20	QPSK	50	50	16.60	16.64	16.66		
20	QPSK	100	0	16.48	16.67	16.65		
20	16QAM	1	0	16.49	16.59	16.68		
20	16QAM	1	49	16.55	16.68	16.68	18	0
20	16QAM	1	99	16.60	16.51	16.58		
20	16QAM	50	0	16.43	16.60	16.53		
20	16QAM	50	24	16.49	16.54	16.42	18	0
20	16QAM	50	50	16.59	16.65	16.61		
20	16QAM	100	0	16.44	16.65	16.70		
20	64QAM	1	0	16.49	16.60	16.71		
20	64QAM	1	49	16.72	16.45	16.59	18	0
20	64QAM	1	99	16.68	16.32	16.63		
20	64QAM	50	0	16.55	16.71	16.57		
20	64QAM	50	24	16.49	16.72	16.53	18	0
20	64QAM	50	50	16.52	16.61	16.63		
20	64QAM	100	0	16.59	16.65	16.49		
20	256QAM	1	0	16.45	16.69	16.50		
20	256QAM	1	49	16.55	16.49	16.40	18	0
20	256QAM	1	99	16.53	16.65	16.48		
20	256QAM	50	0	16.58	16.58	16.41		
20	256QAM	50	24	16.40	16.57	16.49	18	0
20	256QAM	50	50	16.58	16.53	16.56		
20	256QAM	100	0	16.35	16.46	16.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.37	16.53	16.66		
15	QPSK	1	37	16.53	16.52	16.48	18	0
15	QPSK	1	74	16.28	16.46	16.37		
15	QPSK	36	0	16.56	16.53	16.60		
15	QPSK	36	20	16.53	16.36	16.60	18	0
15	QPSK	36	39	16.51	16.45	16.58		
15	QPSK	75	0	16.31	16.53	16.63		
15	QPSK	75	37	16.36	16.57	16.67		
15	16QAM	1	0	16.42	16.72	16.62	18	0
15	16QAM	1	37	16.53	16.43	16.53		
15	16QAM	36	0	16.27	16.50	16.40		
15	16QAM	36	20	16.33	16.53	16.41	18	0
15	16QAM	36	39	16.38	16.59	16.41		
15	16QAM	75	0	16.38	16.62	16.57		
15	16QAM	75	37	16.38	16.42	16.63		
15	64QAM	1	0	16.66	16.33	16.41	18	0
15	64QAM	1	37	16.69	16.39	16.50		
15	64QAM	36	0	16.39	16.54	16.47		
15	64QAM	36	20	16.43	16.54	16.46	18	0
15	64QAM	36	39	16.46	16.52	16.57		
15	64QAM	75	0	16.36	16.53	16.46		
15	256QAM	1	0	16.29	16.56	16.49		
15	256QAM	1	37	16.46	16.37	16.37	18	0
15	256QAM	1	74	16.36	16.61	16.47		
15	256QAM	36	0	16.58	16.57	16.29		
15	256QAM	36	20	16.28	16.55	16.38	18	0
15	256QAM	36	39	16.38	16.39	16.43		
15	256QAM	75	0	16.20	16.40	16.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.52	16.63	16.61		
10	QPSK	1	25	16.43	16.52	16.48	18	0
10	QPSK	1	49	16.31	16.34	16.51		
10	QPSK	25	0	16.57	16.66	16.60		
10	QPSK	25	12	16.47	16.48	16.44	18	0
10	QPSK	25	25	16.47	16.49	16.65		
10	QPSK	50	0	16.48	16.67	16.56		
10	16QAM	1	0	16.52	16.54	16.60		
10	16QAM	1	25	16.51	16.70	16.52	18	0
10	16QAM	1	49	16.49	16.35	16.40		
10	16QAM	25	0	16.35	16.46	16.46		
10	16QAM	25	12	16.35	16.43	16.27	18	0
10	16QAM	25	25	16.54	16.61	16.57		
10	16QAM	50	0	16.25	16.64	16.57		
10	64QAM	1	0	16.37	16.58	16.53		
10	64QAM	1	25	16.62	16.28	16.49	18	0
10	64QAM	1	49	16.66	16.39	16.52		
10	64QAM	25	0	16.39	16.67	16.54		
10	64QAM	25	12	16.36	16.53	16.53	18	0
10	64QAM	25	25	16.49	16.50	16.55		
10	64QAM	50	0	16.42	16.57	16.37		
10	256QAM	1	0	16.36	16.61	16.34		
10	256QAM	1	25	16.49	16.38	16.31	18	0
10	256QAM	1	49	16.36	16.45	16.45		
10	256QAM	25	0	16.47	16.49	16.33		
10	256QAM	25	12	16.39	16.41	16.47	18	0
10	256QAM	25	25	16.53	16.45	16.41		
10	256QAM	50	0	16.15	16.39	16.36		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.46	16.63	16.68		
5	QPSK	1	12	16.50	16.46	16.38	18	0
5	QPSK	1	24	16.30	16.47	16.44		
5	QPSK	12	0	16.65	16.65	16.56		
5	QPSK	12	7	16.50	16.54	16.45	18	0
5	QPSK	12	13	16.58	16.44	16.56		
5	QPSK	25	0	16.34	16.67	16.48		
5	16QAM	1	0	16.36	16.47	16.57		
5	16QAM	1	12	16.54	16.56	16.55	18	0
5	16QAM	1	24	16.57	16.50	16.38		
5	16QAM	12	0	16.41	16.40	16.37		
5	16QAM	12	7	16.48	16.54	16.27	18	0
5	16QAM	12	13	16.68	16.65	16.43		
5	16QAM	25	0	16.32	16.56	16.64		
5	64QAM	1	0	16.47	16.42	16.64		
5	64QAM	1	12	16.70	16.34	16.56	18	0
5	64QAM	1	24	16.59	16.35	16.55		
5	64QAM	12	0	16.36	16.57	16.51		
5	64QAM	12	7	16.39	16.55	16.38	18	0
5	64QAM	12	13	16.49	16.57	16.61		
5	64QAM	25	0	16.40	16.49	16.40		
5	256QAM	1	0	16.35	16.49	16.47		
5	256QAM	1	12	16.49	16.43	16.24	18	0
5	256QAM	1	24	16.39	16.32	16.34		
5	256QAM	12	0	16.47	16.62	16.40		
5	256QAM	12	7	16.31	16.41	16.43	18	0
5	256QAM	12	13	16.54	16.43	16.46		
5	256QAM	25	0	16.34	16.30	16.30		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.48	16.56	16.49		
3	QPSK	1	8	16.42	16.49	16.38	18	0
3	QPSK	1	14	16.31	16.48	16.50		
3	QPSK	8	0	16.58	16.69	16.61		
3	QPSK	8	4	16.51	16.41	16.50	18	0
3	QPSK	8	7	16.59	16.49	16.51		
3	QPSK	15	0	16.29	16.55	16.62		
3	16QAM	1	0	16.29	16.39	16.65		
3	16QAM	1	8	16.51	16.70	16.49	18	0
3	16QAM	1	14	16.44	16.45	16.56		
3	16QAM	8	0	16.25	16.44	16.38		
3	16QAM	8	4	16.37	16.45	16.42	18	0
3	16QAM	8	7	16.63	16.55	16.60		
3	16QAM	15	0	16.34	16.63	16.54		
3	64QAM	1	0	16.47	16.55	16.51		
3	64QAM	1	8	16.72	16.32	16.43	18	0
3	64QAM	1	14	16.66	16.22	16.45		
3	64QAM	8	0	16.48	16.60	16.51		
3	64QAM	8	4	16.36	16.72	16.41	18	0
3	64QAM	8	7	16.44	16.58	16.57		
3	64QAM	15	0	16.57	16.53	16.33		
3	256QAM	1	0	16.26	16.67	16.36		
3	256QAM	1	8	16.47	16.37	16.30	18	0
3	256QAM	1	14	16.37	16.49	16.33		
3	256QAM	8	0	16.44	16.66	16.38		
3	256QAM	8	4	16.35	16.47	16.47	18	0
3	256QAM	8	7	16.41	16.53	16.53		
3	256QAM	15	0	16.20	16.42	16.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.52	16.64	16.50		
1.4	QPSK	1	3	16.42	16.44	16.54		
1.4	QPSK	1	5	16.28	16.38	16.52	18	0
1.4	QPSK	3	0	16.62	16.69	16.49		
1.4	QPSK	3	1	16.55	16.52	16.47		
1.4	QPSK	3	3	16.41	16.50	16.50		
1.4	QPSK	6	0	16.56	16.59	16.39	18	0
1.4	16QAM	1	0	16.43	16.40	16.56		
1.4	16QAM	1	3	16.46	16.57	16.55		
1.4	16QAM	1	5	16.57	16.35	16.48	18	0
1.4	16QAM	3	0	16.39	16.55	16.34		
1.4	16QAM	3	1	16.47	16.54	16.23		
1.4	16QAM	3	3	16.68	16.53	16.55		
1.4	16QAM	6	0	16.25	16.57	16.64	18	0
1.4	64QAM	1	0	16.38	16.63	16.51		
1.4	64QAM	1	3	16.67	16.35	16.46		
1.4	64QAM	1	5	16.71	16.23	16.50	18	0
1.4	64QAM	3	0	16.36	16.71	16.41		
1.4	64QAM	3	1	16.32	16.53	16.34		
1.4	64QAM	3	3	16.38	16.44	16.55		
1.4	64QAM	6	0	16.54	16.50	16.35	18	0
1.4	256QAM	1	0	16.39	16.53	16.37		
1.4	256QAM	1	3	16.51	16.40	16.36		
1.4	256QAM	1	5	16.50	16.57	16.42	18	0
1.4	256QAM	3	0	16.55	16.64	16.40		
1.4	256QAM	3	1	16.27	16.40	16.37		
1.4	256QAM	3	3	16.51	16.46	16.39		
1.4	256QAM	6	0	16.27	16.32	16.36	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.85	18.96	18.78		
20	QPSK	1	49	18.63	18.88	18.77	20.5	0
20	QPSK	1	99	18.72	18.79	18.76		
20	QPSK	50	0	18.80	18.91	18.76		
20	QPSK	50	24	18.79	18.78	18.72	20.5	0
20	QPSK	50	50	18.79	18.73	18.74		
20	QPSK	100	0	18.65	18.85	18.74		
20	16QAM	1	0	18.96	18.92	18.80		
20	16QAM	1	49	18.92	18.78	18.73	20.5	0
20	16QAM	1	99	18.90	18.88	18.80		
20	16QAM	50	0	18.73	18.71	18.80		
20	16QAM	50	24	18.66	18.90	18.86	20.5	0
20	16QAM	50	50	18.87	18.79	18.92		
20	16QAM	100	0	18.69	18.86	18.83		
20	64QAM	1	0	18.75	18.76	18.76		
20	64QAM	1	49	18.72	18.79	18.69	20.5	0
20	64QAM	1	99	18.73	18.70	18.77		
20	64QAM	50	0	18.70	18.70	18.78		
20	64QAM	50	24	18.69	18.75	18.59	20.5	0
20	64QAM	50	50	18.72	18.65	18.57		
20	64QAM	100	0	18.67	18.79	18.67		
20	256QAM	1	0	18.67	18.71	18.57		
20	256QAM	1	49	18.63	18.75	18.64	20.5	0
20	256QAM	1	99	18.65	18.75	18.76		
20	256QAM	50	0	18.72	18.65	18.70		
20	256QAM	50	24	18.62	18.77	18.72	20.5	0
20	256QAM	50	50	18.62	18.69	18.58		
20	256QAM	100	0	18.69	18.78	18.60		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.64	18.86	18.61		
15	QPSK	1	37	18.58	18.79	18.63	20.5	0
15	QPSK	1	74	18.69	18.71	18.66		
15	QPSK	36	0	18.68	18.81	18.68		
15	QPSK	36	20	18.60	18.77	18.61	20.5	0
15	QPSK	36	39	18.70	18.57	18.72		
15	QPSK	75	0	18.61	18.91	18.59		
15	QPSK	75	37	18.78	18.61	18.76		
15	16QAM	1	37	18.78	18.55	18.72	20.5	0
15	16QAM	1	74	18.70	18.79	18.63		
15	16QAM	36	0	18.64	18.54	18.67		
15	16QAM	36	20	18.62	18.74	18.72	20.5	0
15	16QAM	36	39	18.57	18.70	18.77		
15	16QAM	75	0	18.60	18.74	18.69		
15	64QAM	1	0	18.63	18.63	18.61		
15	64QAM	1	37	18.71	18.68	18.66	20.5	0
15	64QAM	1	74	18.69	18.70	18.68		
15	64QAM	36	0	18.67	18.53	18.72		
15	64QAM	36	20	18.53	18.69	18.58	20.5	0
15	64QAM	36	39	18.61	18.62	18.56		
15	64QAM	75	0	18.58	18.67	18.53		
15	256QAM	1	0	18.58	18.68	18.64		
15	256QAM	1	37	18.64	18.75	18.65	20.5	0
15	256QAM	1	74	18.63	18.74	18.78		
15	256QAM	36	0	18.62	18.65	18.61		
15	256QAM	36	20	18.57	18.69	18.60	20.5	0
15	256QAM	36	39	18.61	18.55	18.64		
15	256QAM	75	0	18.60	18.66	18.52		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.65	18.78	18.74		
10	QPSK	1	25	18.54	18.71	18.77	20.5	0
10	QPSK	1	49	18.58	18.77	18.71		
10	QPSK	25	0	18.61	18.75	18.75		
10	QPSK	25	12	18.60	18.70	18.65	20.5	0
10	QPSK	25	25	18.77	18.63	18.55		
10	QPSK	50	0	18.67	18.77	18.67		
10	16QAM	1	0	18.63	18.70	18.63		
10	16QAM	1	25	18.88	18.69	18.54	20.5	0
10	16QAM	1	49	18.85	18.83	18.71		
10	16QAM	25	0	18.73	18.68	18.80		
10	16QAM	25	12	18.69	18.86	18.68	20.5	0
10	16QAM	25	25	18.86	18.70	18.88		
10	16QAM	50	0	18.61	18.79	18.67		
10	64QAM	1	0	18.55	18.67	18.60		
10	64QAM	1	25	18.62	18.79	18.56	20.5	0
10	64QAM	1	49	18.57	18.65	18.68		
10	64QAM	25	0	18.59	18.59	18.74		
10	64QAM	25	12	18.51	18.68	18.59	20.5	0
10	64QAM	25	25	18.58	18.54	18.55		
10	64QAM	50	0	18.74	18.78	18.57		
10	256QAM	1	0	18.65	18.53	18.59		
10	256QAM	1	25	18.56	18.58	18.63	20.5	0
10	256QAM	1	49	18.70	18.69	18.76		
10	256QAM	25	0	18.56	18.60	18.60		
10	256QAM	25	12	18.65	18.66	18.53	20.5	0
10	256QAM	25	25	18.59	18.65	18.68		
10	256QAM	50	0	18.62	18.74	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.63	18.81	18.62		
5	QPSK	1	12	18.50	18.73	18.65	20.5	0
5	QPSK	1	24	18.52	18.79	18.62		
5	QPSK	12	0	18.71	18.83	18.66		
5	QPSK	12	7	18.75	18.71	18.60	20.5	0
5	QPSK	12	13	18.79	18.73	18.60		
5	QPSK	25	0	18.58	18.81	18.63		
5	16QAM	1	0	18.79	18.76	18.63		
5	16QAM	1	12	18.90	18.63	18.57	20.5	0
5	16QAM	1	24	18.75	18.76	18.63		
5	16QAM	12	0	18.64	18.62	18.75		
5	16QAM	12	7	18.82	18.83	18.80	20.5	0
5	16QAM	12	13	18.81	18.61	18.73		
5	16QAM	25	0	18.68	18.70	18.66		
5	64QAM	1	0	18.58	18.74	18.72		
5	64QAM	1	12	18.93	18.74	18.54	20.5	0
5	64QAM	1	24	18.56	18.76	18.62		
5	64QAM	12	0	18.70	18.69	18.63		
5	64QAM	12	7	18.54	18.72	18.55	20.5	0
5	64QAM	12	13	18.58	18.54	18.58		
5	64QAM	25	0	18.67	18.62	18.68		
5	256QAM	1	0	18.54	18.59	18.61		
5	256QAM	1	12	18.65	18.68	18.64	20.5	0
5	256QAM	1	24	18.56	18.56	18.66		
5	256QAM	12	0	18.55	18.60	18.63		
5	256QAM	12	7	18.54	18.63	18.61	20.5	0
5	256QAM	12	13	18.67	18.65	18.58		
5	256QAM	25	0	18.54	18.62	18.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.72	18.91	18.75		
3	QPSK	1	8	18.67	18.88	18.63	20.5	0
3	QPSK	1	14	18.56	18.80	18.59		
3	QPSK	8	0	18.82	18.83	18.60		
3	QPSK	8	4	18.64	18.58	18.56	20.5	0
3	QPSK	8	7	18.59	18.69	18.58		
3	QPSK	15	0	18.62	18.53	18.62		
3	16QAM	1	0	18.87	18.82	18.76		
3	16QAM	1	8	18.84	18.68	18.68	20.5	0
3	16QAM	1	14	18.79	18.86	18.71		
3	16QAM	8	0	18.57	18.59	18.73		
3	16QAM	8	4	18.56	18.73	18.70	20.5	0
3	16QAM	8	7	18.70	18.79	18.84		
3	16QAM	15	0	18.68	18.66	18.77		
3	64QAM	1	0	18.74	18.68	18.56		
3	64QAM	1	8	18.62	18.78	18.54	20.5	0
3	64QAM	1	14	18.62	18.70	18.65		
3	64QAM	8	0	18.55	18.58	18.74		
3	64QAM	8	4	18.69	18.63	18.54	20.5	0
3	64QAM	8	7	18.69	18.69	18.53		
3	64QAM	15	0	18.75	18.90	18.58		
3	256QAM	1	0	18.53	18.51	18.58		
3	256QAM	1	8	18.65	18.66	18.51	20.5	0
3	256QAM	1	14	18.51	18.63	18.60		
3	256QAM	8	0	18.59	18.65	18.60		
3	256QAM	8	4	18.58	18.74	18.72	20.5	0
3	256QAM	8	7	18.60	18.52	18.66		
3	256QAM	15	0	18.55	18.63	18.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.66	18.82	18.71		
1.4	QPSK	1	3	18.63	18.71	18.65		
1.4	QPSK	1	5	18.64	18.83	18.64	20.5	0
1.4	QPSK	3	0	18.80	18.70	18.61		
1.4	QPSK	3	1	18.73	18.64	18.52		
1.4	QPSK	3	3	18.70	18.67	18.58		
1.4	QPSK	6	0	18.63	18.93	18.59	20.5	0
1.4	16QAM	1	0	18.86	18.91	18.63		
1.4	16QAM	1	3	18.82	18.64	18.68		
1.4	16QAM	1	5	18.81	18.86	18.68	20.5	0
1.4	16QAM	3	0	18.56	18.66	18.77		
1.4	16QAM	3	1	18.56	18.75	18.73		
1.4	16QAM	3	3	18.71	18.65	18.89		
1.4	16QAM	6	0	18.56	18.93	18.66	20.5	0
1.4	64QAM	1	0	18.57	18.76	18.63		
1.4	64QAM	1	3	18.57	18.61	18.52		
1.4	64QAM	1	5	18.56	18.63	18.69	20.5	0
1.4	64QAM	3	0	18.59	18.51	18.78		
1.4	64QAM	3	1	18.56	18.73	18.56		
1.4	64QAM	3	3	18.71	18.64	18.52		
1.4	64QAM	6	0	18.57	18.69	18.55	20.5	0
1.4	256QAM	1	0	18.60	18.56	18.69		
1.4	256QAM	1	3	18.51	18.80	18.51		
1.4	256QAM	1	5	18.54	18.69	18.68	20.5	0
1.4	256QAM	3	0	18.57	18.66	18.57		
1.4	256QAM	3	1	18.62	18.77	18.57		
1.4	256QAM	3	3	18.66	18.50	18.68		
1.4	256QAM	6	0	18.67	18.65	18.69	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.93	21.11	21.08		
20	QPSK	1	49	20.86	20.97	21.07	22.5	0
20	QPSK	1	99	20.66	21.05	20.93		
20	QPSK	50	0	20.85	21.04	21.00		
20	QPSK	50	24	20.79	20.96	20.98	22.5	0
20	QPSK	50	50	20.83	20.90	20.87		
20	QPSK	100	0	20.77	21.02	20.94		
20	16QAM	1	0	20.91	20.78	20.87		
20	16QAM	1	49	20.74	20.84	20.93	22.5	0
20	16QAM	1	99	20.80	20.85	21.04		
20	16QAM	50	0	19.75	19.82	20.03		
20	16QAM	50	24	19.81	19.93	19.95	21.5	1
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.95	19.11	18.85	20	0
20	QPSK	1	49	18.94	18.99	18.66		
20	QPSK	1	99	18.90	18.92	18.64		
20	QPSK	50	0	18.82	19.07	18.76		
20	QPSK	50	24	18.70	18.94	18.62		
20	QPSK	50	50	18.72	19.01	18.62		
20	QPSK	100	0	18.73	19.04	18.60		
20	16QAM	1	0	18.74	19.00	18.60		
20	16QAM	1	49	18.63	19.04	18.50	20	0
20	16QAM	1	99	18.66	18.98	18.50		
20	16QAM	50	0	18.72	19.05	18.56		
20	16QAM	50	24	18.77	18.91	18.69		
20	16QAM	50	50	18.81	19.00	18.65		
20	16QAM	100	0	18.70	19.02	18.67		
20	64QAM	1	0	18.73	19.01	18.53		
20	64QAM	1	49	18.74	19.07	18.69	20	0
20	64QAM	1	99	18.61	18.93	18.64		
20	64QAM	50	0	18.68	18.92	18.56		
20	64QAM	50	24	18.62	18.93	18.55	20	0
20	64QAM	50	50	18.66	19.05	18.60		
20	64QAM	100	0	18.74	18.93	18.58		
20	256QAM	1	0	18.28	18.38	18.05		
20	256QAM	1	49	18.13	18.38	18.18	19.5	0.5
20	256QAM	1	99	18.14	18.45	18.03		
20	256QAM	50	0	18.30	18.47	18.15		
20	256QAM	50	24	18.14	18.41	18.06	19.5	0.5
20	256QAM	50	50	18.12	18.48	18.11		
20	256QAM	100	0	18.15	18.49	18.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.79	19.04	18.72	20	0
15	QPSK	1	37	18.87	18.80	18.57		
15	QPSK	1	74	18.89	18.78	18.72		
15	QPSK	36	0	18.64	19.03	18.61		
15	QPSK	36	20	18.67	18.91	18.47	20	0
15	QPSK	36	39	18.69	18.95	18.44		
15	QPSK	75	0	18.57	18.85	18.46		
15	16QAM	1	0	18.66	19.06	18.49		
15	16QAM	1	37	18.62	18.95	18.32	20	0
15	16QAM	1	74	18.60	18.89	18.41		
15	16QAM	36	0	18.65	18.91	18.41		
15	16QAM	36	20	18.67	18.83	18.51	20	0
15	16QAM	36	39	18.79	18.99	18.47		
15	16QAM	75	0	18.66	18.92	18.56		
15	64QAM	1	0	18.69	18.95	18.36		
15	64QAM	1	37	18.63	19.05	18.58	20	0
15	64QAM	1	74	18.64	18.84	18.54		
15	64QAM	36	0	18.59	18.81	18.44		
15	64QAM	36	20	18.60	18.84	18.52	20	0
15	64QAM	36	39	18.50	19.03	18.54		
15	64QAM	75	0	18.55	18.83	18.57		
15	256QAM	1	0	18.15	18.25	17.99		
15	256QAM	1	37	17.99	18.22	17.99	19.5	0.5
15	256QAM	1	74	17.96	18.42	17.98		
15	256QAM	36	0	18.30	18.32	17.98		
15	256QAM	36	20	18.00	18.30	17.86	19.5	0.5
15	256QAM	36	39	17.94	18.44	17.97		
15	256QAM	75	0	17.95	18.34	18.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	18.82	18.91	18.59	20	0
10	QPSK	1	25	18.92	18.96	18.56		
10	QPSK	1	49	18.75	18.92	18.66		
10	QPSK	25	0	18.70	19.07	18.60		
10	QPSK	25	12	18.70	18.89	18.46	20	0
10	QPSK	25	25	18.54	18.85	18.43		
10	QPSK	50	0	18.57	19.04	18.60		
10	16QAM	1	0	18.65	18.89	18.47		
10	16QAM	1	25	18.53	18.87	18.47	20	0
10	16QAM	1	49	18.55	18.85	18.34		
10	16QAM	25	0	18.56	18.87	18.50		
10	16QAM	25	12	18.65	18.83	18.50	20	0
10	16QAM	25	25	18.53	18.95	18.55		
10	16QAM	50	0	18.64	18.92	18.56		
10	64QAM	1	0	18.54	18.94	18.36		
10	64QAM	1	25	18.73	18.90	18.53	20	0
10	64QAM	1	49	18.58	18.84	18.63		
10	64QAM	25	0	18.48	18.83	18.56		
10	64QAM	25	12	18.77	18.81	18.49	20	0
10	64QAM	25	25	18.61	18.88	18.56		
10	64QAM	50	0	18.71	18.90	18.54		
10	256QAM	1	0	18.11	18.18	17.96		
10	256QAM	1	25	17.96	18.33	17.98	19.5	0.5
10	256QAM	1	49	18.04	18.35	18.00		
10	256QAM	25	0	18.28	18.36	18.02		
10	256QAM	25	12	18.14	18.41	17.89	19.5	0.5
10	256QAM	25	25	18.11	18.35	18.04		
10	256QAM	50	0	18.00	18.48	18.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.77	18.99	18.72	20	0
5	QPSK	1	12	18.76	18.83	18.55		
5	QPSK	1	24	18.78	18.89	18.81		
5	QPSK	12	0	18.64	19.02	18.63		
5	QPSK	12	7	18.54	18.87	18.46	20	0
5	QPSK	12	13	18.67	18.86	18.42		
5	QPSK	25	0	18.64	18.85	18.44		
5	16QAM	1	0	18.55	19.02	18.55	20	0
5	16QAM	1	12	18.62	18.94	18.45		
5	16QAM	1	24	18.62	18.90	18.43		
5	16QAM	12	0	18.53	18.87	18.41		
5	16QAM	12	7	18.65	18.78	18.68	20	0
5	16QAM	12	13	18.74	18.85	18.53		
5	16QAM	25	0	18.58	18.82	18.46		
5	64QAM	1	0	18.65	19.00	18.46		
5	64QAM	1	12	18.66	18.91	18.60	20	0
5	64QAM	1	24	18.58	18.85	18.56		
5	64QAM	12	0	18.51	18.90	18.56		
5	64QAM	12	7	18.74	18.81	18.55	20	0
5	64QAM	12	13	18.52	19.03	18.55		
5	64QAM	25	0	18.67	18.84	18.42		
5	256QAM	1	0	18.18	18.35	17.92		
5	256QAM	1	12	18.07	18.27	17.99	19.5	0.5
5	256QAM	1	24	18.14	18.33	17.88		
5	256QAM	12	0	18.12	18.36	18.09		
5	256QAM	12	7	18.12	18.23	17.94	19.5	0.5
5	256QAM	12	13	17.99	18.48	18.11		
5	256QAM	25	0	17.99	18.34	18.01		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.36	22.38	22.20	23.2	0
20	QPSK	1	49	22.28	22.15	22.06		
20	QPSK	1	99	22.27	22.09	22.13		
20	QPSK	50	0	22.22	22.33	22.16		
20	QPSK	50	24	22.22	22.06	22.14	23.2	0
20	QPSK	50	50	22.13	22.09	22.12		
20	QPSK	100	0	22.10	22.14	22.14		
20	16QAM	1	0	22.32	22.05	22.03		
20	16QAM	1	49	22.27	22.04	22.14	23.2	0
20	16QAM	1	99	22.17	21.92	22.08		
20	16QAM	50	0	22.23	22.06	22.03		
20	16QAM	50	24	22.20	21.92	22.08	23.2	0
20	16QAM	50	50	22.16	22.08	21.99		
20	16QAM	100	0	22.18	21.95	21.96		
20	64QAM	1	0	22.15	21.92	22.12		
20	64QAM	1	49	22.31	21.95	22.16	23.2	0
20	64QAM	1	99	22.32	21.94	22.09		
20	64QAM	50	0	21.72	21.48	21.46		
20	64QAM	50	24	21.78	21.55	21.54	22.7	0.5
20	64QAM	50	50	21.76	21.44	21.57		
20	64QAM	100	0	21.78	21.44	21.57		
20	256QAM	1	0	19.72	19.54	19.59		
20	256QAM	1	49	19.66	19.43	19.51	20.7	2.5
20	256QAM	1	99	19.72	19.43	19.65		
20	256QAM	50	0	19.71	19.41	19.62		
20	256QAM	50	24	19.70	19.44	19.49	20.7	2.5
20	256QAM	50	50	19.74	19.52	19.61		
20	256QAM	100	0	19.76	19.43	19.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.27	22.20	23.2	0
15	QPSK	1	37	22.35	22.11	21.92		
15	QPSK	1	74	22.07	22.06	22.12		
15	QPSK	36	0	22.17	22.23	22.03		
15	QPSK	36	20	22.05	22.04	22.10	23.2	0
15	QPSK	36	39	22.08	21.99	21.98		
15	QPSK	75	0	22.04	21.98	22.13		
15	16QAM	1	0	22.13	21.92	21.94		
15	16QAM	1	37	22.10	21.99	22.04	23.2	0
15	16QAM	1	74	22.12	21.87	22.01		
15	16QAM	36	0	22.17	21.90	21.98		
15	16QAM	36	20	22.11	21.73	21.95	23.2	0
15	16QAM	36	39	22.03	22.06	21.96		
15	16QAM	75	0	22.16	21.87	21.82		
15	64QAM	1	0	22.00	21.78	22.07		
15	64QAM	1	37	22.31	21.88	22.16	23.2	0
15	64QAM	1	74	22.22	21.94	22.01		
15	64QAM	36	0	21.68	21.42	21.34		
15	64QAM	36	20	21.58	21.53	21.35	22.7	0.5
15	64QAM	36	39	21.71	21.39	21.41		
15	64QAM	75	0	21.73	21.27	21.43		
15	256QAM	1	0	19.56	19.47	19.48		
15	256QAM	1	37	19.58	19.27	19.49	20.7	2.5
15	256QAM	1	74	19.67	19.41	19.53		
15	256QAM	36	0	19.61	19.42	19.47		
15	256QAM	36	20	19.58	19.37	19.30	20.7	2.5
15	256QAM	36	39	19.55	19.39	19.53		
15	256QAM	75	0	19.62	19.32	19.51		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	22.22	22.25	22.40	23.2	0
10	QPSK	1	25	22.29	22.15	21.93		
10	QPSK	1	49	22.19	21.92	21.95		
10	QPSK	25	0	22.07	22.24	22.06		
10	QPSK	25	12	22.08	21.96	22.14	23.2	0
10	QPSK	25	25	22.13	22.06	22.10		
10	QPSK	50	0	22.09	22.06	22.01		
10	16QAM	1	0	22.28	22.02	21.97		
10	16QAM	1	25	22.27	21.96	22.04	23.2	0
10	16QAM	1	49	22.05	21.84	22.09		
10	16QAM	25	0	22.11	22.01	21.88		
10	16QAM	25	12	22.00	21.91	22.07	23.2	0
10	16QAM	25	25	22.02	22.07	21.93		
10	16QAM	50	0	22.02	21.83	21.76		
10	64QAM	1	0	22.11	21.76	22.09		
10	64QAM	1	25	22.13	21.93	22.03	23.2	0
10	64QAM	1	49	22.26	21.83	21.94		
10	64QAM	25	0	21.67	21.42	21.39		
10	64QAM	25	12	21.72	21.43	21.36	22.7	0.5
10	64QAM	25	25	21.62	21.39	21.47		
10	64QAM	50	0	21.78	21.35	21.46		
10	256QAM	1	0	19.65	19.48	19.44		
10	256QAM	1	25	19.52	19.42	19.51	20.7	2.5
10	256QAM	1	49	19.62	19.42	19.59		
10	256QAM	25	0	19.53	19.25	19.43		
10	256QAM	25	12	19.56	19.24	19.44	20.7	2.5
10	256QAM	25	25	19.60	19.32	19.56		
10	256QAM	50	0	19.59	19.40	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.36	22.21	22.15	23.2	0
5	QPSK	1	12	22.37	22.09	21.96		
5	QPSK	1	24	22.18	22.03	22.10		
5	QPSK	12	0	22.17	22.22	22.12		
5	QPSK	12	7	22.03	21.92	22.06	23.2	0
5	QPSK	12	13	22.04	21.90	22.11		
5	QPSK	25	0	22.02	21.98	22.08		
5	16QAM	1	0	22.18	21.98	21.85		
5	16QAM	1	12	22.22	22.01	22.04	23.2	0
5	16QAM	1	24	22.05	21.72	21.91		
5	16QAM	12	0	22.09	21.96	21.95		
5	16QAM	12	7	22.13	21.84	22.05	23.2	0
5	16QAM	12	13	22.12	21.91	21.97		
5	16QAM	25	0	22.11	21.93	21.82		
5	64QAM	1	0	22.05	21.87	21.99		
5	64QAM	1	12	22.16	21.85	22.14	23.2	0
5	64QAM	1	24	22.19	21.74	21.92		
5	64QAM	12	0	21.70	21.29	21.33		
5	64QAM	12	7	21.66	21.37	21.54	22.7	0.5
5	64QAM	12	13	21.65	21.40	21.54		
5	64QAM	25	0	21.75	21.27	21.55		
5	256QAM	1	0	19.60	19.43	19.51	20.7	2.5
5	256QAM	1	12	19.64	19.38	19.38		
5	256QAM	1	24	19.61	19.24	19.59		
5	256QAM	12	0	19.66	19.27	19.49		
5	256QAM	12	7	19.65	19.31	19.48	20.7	2.5
5	256QAM	12	13	19.71	19.34	19.45		
5	256QAM	25	0	19.67	19.29	19.50		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.10	21.16	21.13	22	0
20	QPSK	1	49	21.62	21.00	21.06		
20	QPSK	1	99	21.07	20.98	21.12		
20	QPSK	50	0	21.09	21.10	20.98		
20	QPSK	50	24	20.98	21.06	20.92	22	0
20	QPSK	50	50	21.07	21.05	20.81		
20	QPSK	100	0	20.95	21.05	20.79		
20	16QAM	1	0	21.07	21.06	20.82		
20	16QAM	1	49	21.04	21.02	20.91	22	0
20	16QAM	1	99	20.94	21.04	20.86		
20	16QAM	50	0	21.03	21.06	20.92		
20	16QAM	50	24	21.07	21.01	20.90	22	0
20	16QAM	50	50	21.05	20.99	20.98		
20	16QAM	100	0	20.98	20.91	20.90		
20	64QAM	1	0	20.93	20.96	20.98		
20	64QAM	1	49	20.94	21.02	20.87	22	0
20	64QAM	1	99	20.96	20.93	20.98		
20	64QAM	50	0	20.87	20.49	20.38		
20	64QAM	50	24	20.44	20.43	20.34	21.5	0.5
20	64QAM	50	50	20.57	20.45	20.32		
20	64QAM	100	0	20.52	20.55	20.34		
20	256QAM	1	0	20.58	20.50	20.39		
20	256QAM	1	49	20.58	20.45	20.40	21.5	0.5
20	256QAM	1	99	20.52	20.45	20.39		
20	256QAM	50	0	18.42	18.55	18.33		
20	256QAM	50	24	18.45	18.48	18.42	19.5	2.5
20	256QAM	50	50	18.40	18.57	18.33		
20	256QAM	100	0	18.60	18.55	18.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.97	20.97	20.96	22	0
15	QPSK	1	37	20.99	20.83	21.03		
15	QPSK	1	74	21.02	20.79	21.03		
15	QPSK	36	0	20.90	21.05	20.97		
15	QPSK	36	20	20.84	21.03	20.86	22	0
15	QPSK	36	39	21.07	20.93	20.66		
15	QPSK	75	0	20.81	20.90	20.68		
15	16QAM	1	0	21.05	20.93	20.72		
15	16QAM	1	37	21.00	20.97	20.82	22	0
15	16QAM	1	74	20.78	20.99	20.66		
15	16QAM	36	0	20.86	21.02	20.82		
15	16QAM	36	20	21.05	21.00	20.81	22	0
15	16QAM	36	39	21.03	20.92	20.66		
15	16QAM	75	0	20.98	20.81	20.84		
15	64QAM	1	0	20.92	20.95	20.95		
15	64QAM	1	37	20.83	21.01	20.75	22	0
15	64QAM	1	74	20.95	20.85	20.89		
15	64QAM	36	0	20.56	20.43	20.32		
15	64QAM	36	20	20.29	20.29	20.21	21.5	0.5
15	64QAM	36	39	20.53	20.26	20.26		
15	64QAM	75	0	20.44	20.54	20.26		
15	256QAM	1	0	20.58	20.41	20.25		
15	256QAM	1	37	20.54	20.40	20.31	21.5	0.5
15	256QAM	1	74	20.50	20.38	20.37		
15	256QAM	36	0	18.36	18.43	18.16		
15	256QAM	36	20	18.36	18.38	18.40	19.5	2.5
15	256QAM	36	39	18.38	18.40	18.32		
15	256QAM	75	0	18.44	18.43	18.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	21.07	21.14	21.10	22	0
10	QPSK	1	25	20.99	20.96	20.89		
10	QPSK	1	49	20.93	20.87	20.93		
10	QPSK	25	0	21.03	21.07	20.90		
10	QPSK	25	12	20.96	20.93	20.85	22	0
10	QPSK	25	25	20.95	20.91	20.74		
10	QPSK	50	0	20.81	20.95	20.75		
10	16QAM	1	0	21.03	20.97	20.71		
10	16QAM	1	25	20.93	20.85	20.74	22	0
10	16QAM	1	49	20.89	20.86	20.81		
10	16QAM	25	0	20.96	20.91	20.79		
10	16QAM	25	12	21.00	21.00	20.81	22	0
10	16QAM	25	25	20.85	20.90	20.96		
10	16QAM	50	0	20.79	20.75	20.89		
10	64QAM	1	0	20.79	20.76	20.95		
10	64QAM	1	25	20.76	20.90	20.71	22	0
10	64QAM	1	49	20.90	20.88	20.96		
10	64QAM	25	0	20.44	20.42	20.28		
10	64QAM	25	12	20.35	20.31	20.22	21.5	0.5
10	64QAM	25	25	20.43	20.43	20.32		
10	64QAM	50	0	20.50	20.52	20.17		
10	256QAM	1	0	20.53	20.38	20.36		
10	256QAM	1	25	20.53	20.42	20.38	21.5	0.5
10	256QAM	1	49	20.51	20.41	20.32		
10	256QAM	25	0	18.27	18.55	18.30		
10	256QAM	25	12	18.29	18.42	18.39	19.5	2.5
10	256QAM	25	25	18.30	18.44	18.20		
10	256QAM	50	0	18.44	18.43	18.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.01	21.11	20.99	22	0
5	QPSK	1	12	20.99	20.80	20.99		
5	QPSK	1	24	21.05	20.90	21.00		
5	QPSK	12	0	20.91	20.96	20.98		
5	QPSK	12	7	20.85	20.93	20.74	22	0
5	QPSK	12	13	21.01	21.02	20.79		
5	QPSK	25	0	20.96	21.05	20.61		
5	16QAM	1	0	20.93	20.88	20.69		
5	16QAM	1	12	21.04	20.82	20.76	22	0
5	16QAM	1	24	20.90	20.94	20.67		
5	16QAM	12	0	20.91	20.88	20.83		
5	16QAM	12	7	20.96	20.83	20.77	22	0
5	16QAM	12	13	21.01	20.89	20.83		
5	16QAM	25	0	20.82	20.78	20.80		
5	64QAM	1	0	20.74	20.76	20.98		
5	64QAM	1	12	20.82	20.91	20.79	22	0
5	64QAM	1	24	20.77	20.87	20.98		
5	64QAM	12	0	20.56	20.49	20.39		
5	64QAM	12	7	20.32	20.39	20.22	21.5	0.5
5	64QAM	12	13	20.57	20.35	20.15		
5	64QAM	25	0	20.33	20.43	20.24		
5	256QAM	1	0	20.46	20.32	20.26		
5	256QAM	1	12	20.40	20.33	20.24	21.5	0.5
5	256QAM	1	24	20.50	20.29	20.34		
5	256QAM	12	0	18.34	18.40	18.15		
5	256QAM	12	7	18.45	18.26	18.28	19.5	2.5
5	256QAM	12	13	18.32	18.46	18.28		
5	256QAM	25	0	18.40	18.49	18.20		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.69	20.71	20.61	21.2	0
20	QPSK	1	49	20.52	20.67	20.49		
20	QPSK	1	99	20.67	20.70	20.52		
20	QPSK	50	0	20.56	20.67	20.64		
20	QPSK	50	24	20.39	20.62	20.56	21.2	0
20	QPSK	50	50	20.40	20.58	20.63		
20	QPSK	100	0	20.45	20.52	20.49		
20	16QAM	1	0	20.55	20.49	20.61		
20	16QAM	1	49	20.37	20.59	20.61	21.2	0
20	16QAM	1	99	20.37	20.62	20.49		
20	16QAM	50	0	20.45	20.49	20.55		
20	16QAM

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.01	19.08	19.17	19.10	19.14		
20	QPSK	1	49	18.91	18.89	19.02	19.05	19.03	20	0
20	QPSK	1	99	18.93	19.07	18.97	19.05	18.97		
20	QPSK	50	0	18.93	19.00	19.10	19.07	19.05		
20	QPSK	50	24	18.79	18.87	19.02	18.90	18.91	20	0
20	QPSK	50	50	18.85	18.89	18.90	18.89	19.05		
20	QPSK	100	0	18.82	18.91	19.05	18.97	18.92		
20	16QAM	1	0	18.77	18.91	19.10	18.91	18.98		
20	16QAM	1	49	18.92	18.81	19.02	18.90	18.97	20	0
20	16QAM	1	99	18.87	18.92	19.01	18.94	18.97		
20	16QAM	50	0	18.74	18.83	19.05	19.06	19.08		
20	16QAM	50	24	18.90	18.98	19.10	18.92	18.88	20	0
20	16QAM	50	50	18.77	18.86	19.04	18.94	19.04		
20	16QAM	100	0	18.89	18.87	19.00	18.99	18.90		
20	64QAM	1	0	18.73	18.84	18.94	19.01	18.90		
20	64QAM	1	49	18.86	18.82	18.92	18.95	18.97	20	0
20	64QAM	1	99	18.93	18.92	19.05	19.07	19.00		
20	64QAM	50	0	18.74	18.85	19.09	18.97	19.01		
20	64QAM	50	24	18.91	18.83	18.97	19.04	18.92	20	0
20	64QAM	50	50	18.76	18.99	19.09	18.90	19.01		
20	64QAM	100	0	18.88	18.99	18.94	19.01	18.88		
20	256QAM	1	0	18.41	18.32	18.41	18.39	18.57		
20	256QAM	1	49	18.29	18.47	18.60	18.51	18.57	19.5	0.5
20	256QAM	1	99	18.34	18.44	18.58	18.41	18.58		
20	256QAM	50	0	18.38	18.31	18.46	18.48	18.40		
20	256QAM	50	24	18.32	18.48	18.44	18.39	18.41	19.5	0.5
20	256QAM	50	50	18.38	18.49	18.54	18.43	18.44		
20	256QAM	100	0	18.24	18.34	18.48	18.50	18.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.84	18.86	19.05	19.08	18.87		
15	QPSK	1	37	18.75	18.65	18.92	18.89	18.94	20	0
15	QPSK	1	74	18.79	18.85	18.77	18.92	18.87		
15	QPSK	36	0	18.71	18.85	18.81	18.94	18.81		
15	QPSK	36	20	18.54	18.65	18.84	18.70	18.78	20	0
15	QPSK	36	39	18.58	18.71	18.79	18.66	18.80		
15	QPSK	75	0	18.53	18.77	18.77	18.83	18.78		
15	16QAM	1	0	18.54	18.71	18.81	18.69	18.88		
15	16QAM	1	37	18.63	18.52	18.79	18.62	18.83	20	0
15	16QAM	1	74	18.74	18.64	18.72	18.79	18.82		
15	16QAM	36	0	18.48	18.72	18.94	18.79	18.86		
15	16QAM	36	20	18.72	18.87	18.82	18.77	18.63	20	0
15	16QAM	36	39	18.64	18.58	18.93	18.84	18.75		
15	16QAM	75	0	18.66	18.73	18.87	18.79	18.63		
15	64QAM	1	0	18.63	18.62	18.64	18.80	18.71		
15	64QAM	1	37	18.65	18.60	18.73	18.71	18.75	20	0
15	64QAM	1	74	18.79	18.75	18.77	18.92	18.77		
15	64QAM	36	0	18.58	18.73	18.85	18.64	18.86		
15	64QAM	36	20	18.77	18.70	18.77	18.92	18.76	20	0
15	64QAM	36	39	18.48	18.78	18.86	18.74	18.73		
15	64QAM	75	0	18.63	18.88	18.84	18.83	18.63		
15	256QAM	1	0	18.26	18.19	18.27	18.19	18.32		
15	256QAM	1	37	18.09	18.06	18.22	18.21	18.29	19.5	0.5
15	256QAM	1	74	18.13	18.24	18.41	18.27	18.43		
15	256QAM	36	0	18.24	18.01	18.27	18.28	18.27		
15	256QAM	36	20	18.16	18.37	18.15	18.19	18.21	19.5	0.5
15	256QAM	36	39	18.19	18.36	18.37	18.28	18.34		
15	256QAM	75	0	17.94	18.19	18.37	18.33	18.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.77	18.83	19.02	18.84	19.03		
10	QPSK	1	25	18.69	18.67	18.84	18.76	18.89	20	0
10	QPSK	1	49	18.74	18.78	18.81	18.90	18.70		
10	QPSK	25	0	18.71	18.85	18.81	18.76	18.97		
10	QPSK	25	12	18.50	18.74	18.60	18.74	18.73	20	0
10	QPSK	25	25	18.58	18.70	18.74	18.60	18.95		
10	QPSK	50	0	18.61	18.79	18.92	18.84	18.71		
10	16QAM	1	0	18.51	18.71	18.93	18.63	18.81		
10	16QAM	1	25	18.81	18.66	18.92	18.61	18.84	20	0
10	16QAM	1	49	18.68	18.74	18.75	18.84	18.84		
10	16QAM	25	0	18.62	18.73	18.89	18.90	18.95		
10	16QAM	25	12	18.79	18.82	18.85	18.78	18.66	20	0
10	16QAM	25	25	18.61	18.66	18.74	18.76	18.84		
10	16QAM	50	0	18.69	18.65	18.70	18.89	18.80		
10	64QAM	1	0	18.49	18.60	18.79	18.62	18.70		
10	64QAM	1	25	18.57	18.58	18.77	18.77	18.80	20	0
10	64QAM	1	49	18.70	18.68	18.82	18.95	18.79		
10	64QAM	25	0	18.45	18.68	18.94	18.73	18.86		
10	64QAM	25	12	18.73	18.72	18.71	18.88	18.71	20	0
10	64QAM	25	25	18.58	18.76	18.95	18.60	18.78		
10	64QAM	50	0	18.70	18.73	18.76	18.87	18.78		
10	256QAM	1	0	18.31	18.11	18.30	18.12	18.33		
10	256QAM	1	25	18.11	18.18	18.44	18.35	18.42	19.5	0.5
10	256QAM	1	49	18.16	18.18	18.29	18.28	18.34		
10	256QAM	25	0	18.16	18.06	18.22	18.30	18.13		
10	256QAM	25	12	18.17	18.30	18.33	18.21	18.17	19.5	0.5
10	256QAM	25	25	18.27	18.33	18.33	18.22	18.29		
10	256QAM	50	0	18.00	18.05	18.06	18.24	18.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.84	18.92	18.92	18.88	18.96		
5	QPSK	1	12	18.65	18.76	18.84	18.65	18.82	20	0
5	QPSK	1	24	18.73	18.88	18.74	18.75	18.74		
5	QPSK	12	0	18.71	18.87	18.80	18.78	18.82		
5	QPSK	12	7	18.65	18.82	18.79	18.65	18.69	20	0
5	QPSK	12	13	18.66	18.69	18.76	18.60	18.91		
5	QPSK	25	0	18.70	18.63	18.76	18.78	18.82		
5	16QAM	1	0	18.50	18.65	18.93	18.77	18.87		
5	16QAM	1	12	18.63	18.51	18.72	18.67	18.82	20	0
5	16QAM	1	24	18.57	18.66	18.85	18.67	18.92		
5	16QAM	12	0	18.46	18.53	18.92	18.92	18.88		
5	16QAM	12	7	18.78	18.74	18.94	18.66	18.59	20	0
5	16QAM	12	13	18.61	18.58	18.77	18.64	18.75		
5	16QAM	25	0	18.73	18.62	18.98	18.82	18.64		
5	64QAM	1	0	18.48	18.54	18.64	18.79	18.62		
5	64QAM	1	12	18.62	18.66	18.66	18.65	18.69	20	0
5	64QAM	1	24	18.78	18.62	18.74	18.77	18.73		
5	64QAM	12	0	18.57	18.80	18.80	18.59	18.64		
5	64QAM	12	7	18.61	18.60	18.84	18.93	18.66	20	0
5	64QAM	12	13	18.60	18.63	18.88	18.66	18.72		
5	64QAM	25	0	18.70	18.73	18.81	18.83	18.61		
5	256QAM	1	0	18.18	18.04	18.14	18.25	18.47		
5	256QAM	1	12	18.18	18.27	18.36	18.29	18.47	19.5	0.5
5	256QAM	1	24	18.09	18.22	18.35	18.24	18.48		
5	256QAM	12	0	18.20	18.05	18.28	18.34	18.30		
5	256QAM	12	7	18.06	18.20	18.23	18.09	18.31	19.5	0.5
5	256QAM	12	13	18.22	18.21	18.36	18.25	18.33		
5	256QAM	25	0	18.06	18.05	18.33	18.40	18.26		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.43	22.31	22.46	22.07	22.45		
20	QPSK	1	49	22.27	22.13	22.41	21.87	22.39	23.2	0
20	QPSK	1	99	22.42	22.27	22.24	22.06	22.34		
20	QPSK	50	0	22.34	22.14	22.45	22.01	22.33		
20	QPSK	50	24	22.23	21.94	22.16	21.98	22.36	23.2	0
20	QPSK	50	50	22.25	22.10	22.07	21.88	22.26		
20	QPSK	100	0	22.15	22.07	22.05	21.91	22.31		
20	16QAM	1	0	22.33	22.06	22.22	21.84	22.34		
20	16QAM	1	49	22.15	22.10	22.18	21.97	22.30	23.2	0
20	16QAM	1	99	22.31	22.00	22.15	21.93	22.33		
20	16QAM	50	0	22.27	22.13	22.16	21.94	22.36		
20	16QAM	50	24	22.26	22.13	22.34	21.97	22.31	23.2	0
20	16QAM	50	50	22.15	21.94	22.18	21.90	22.34		
20	16QAM	100	0	22.17	21.99	22.12	21.94	22.30		
20	64QAM	1	0	22.33	22.14	22.09	21.92	22.32		
20	64QAM	1	49	22.22	22.04	22.04	22.00	22.35	23.2	0
20	64QAM	1	99	22.21	22.05	22.20	21.94	22.22		
20	64QAM	50	0	22.26	21.96	22.05	21.89	22.32		
20	64QAM	50	24	22.34	22.06	22.08	21.93	22.26	22.7	0.5
20	64QAM	50	50	22.15	22.14	22.20	21.91	22.28		
20	64QAM	100	0	22.33	22.06	22.24	22.01	22.22		
20	256QAM	1	0	22.27	22.13	22.12	21.94	22.33		
20	256QAM	1	49	22.27	22.02	22.14	21.99	22.41	20.7	2.5
20	256QAM	1	99	22.29	22.05	22.08	21.83	22.36		
20	256QAM	50	0	22.21	21.96	22.13	21.93	22.23		
20	256QAM	50	24	22.25	22.08	22.12	21.88	22.25	20.7	2.5
20	256QAM	50	50	22.21	22.02	22.16	21.86	22.29		
20	256QAM	100	0	22.19	22.11	22.21	21.87	22.33		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.18	22.01	22.23	21.94	22.35		
15	QPSK	1	37	22.09	21.88	22.14	21.58	22.12	23.2	0
15	QPSK	1	74	22.21	22.15	21.95	21.93	22.07		
15	QPSK	36	0	22.07	21.99	22.23	21.84	22.16		
15	QPSK	36	20	21.93	21.82	21.94	21.82	22.16	23.2	0
15	QPSK	36	39	22.11	21.97	21.82	21.75	22.01		
15	QPSK	75	0	22.01	21.88	22.03	21.61	22.06		
15	16QAM	1	0	22.04	21.93	21.99	21.69	22.17		
15	16QAM	1	37	21.98	21.95	22.05	21.85	22.16	23.2	0
15	16QAM	1	74	22.06	21.84	21.92	21.72	22.05		
15	16QAM	36	0	21.99	21.84	21.95	21.72	22.16		
15	16QAM	36	20	21.98	21.89	22.03	21.69	22.07	23.2	0
15	16QAM	36	39	21.94	21.64	21.96	21.80	22.08		
15	16QAM	75	0	22.04	21.69	22.02	21.67	22.19		
15	64QAM	1	0	22.05	22.04	21.91	21.75	22.02		
15	64QAM	1	37	22.12	21.82	22.04	21.89	22.13	23.2	0
15	64QAM	1	74	21.98	21.91	21.93	21.68	21.94		
15	64QAM	36	0	22.09	21.73	21.88	21.73	22.16		
15	64QAM	36	20	22.11	21.95	21.79	21.83	22.06	23.2	0
15	64QAM	36	39	21.83	22.02	22.06	21.74	22.07		
15	64QAM	75	0	22.22	21.8	22.00	21.83	21.98		
15	256QAM	1	0	22.03	21.87	21.86	21.76	22.12		
15	256QAM	1	37	22.13	21.82	22.04	21.79	22.12	20.7	2.5
15	256QAM	1	74	21.99	21.89	21.81	21.71	22.11		
15	256QAM	36	0	21.92	21.82	21.89	21.72	21.93		
15	256QAM	36	20	21.95	21.89	21.95	21.62	22.05	20.7	2.5
15	256QAM	36	39	22.02	21.72	21.92	21.67	22.15		
15	256QAM	75	0	22.05	21.91	22.00	21.62	22.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.30	22.14	22.24	21.81	22.24		
10	QPSK	1	25	22.12	22.00	22.18	21.64	22.20	23.2	0
10	QPSK	1	49	22.14	22.01	21.99	21.84	22.22		
10	QPSK	25	0	22.13	21.94	22.17	21.82	22.25		
10	QPSK	25	12	21.98	21.79	21.94	21.75	22.23	23.2	0
10	QPSK	25	25	22.11	21.95	21.96	21.69	22.12		
10	QPSK	50	0	21.87	21.91	22.20	21.57	22.15		
10	16QAM	1	0	22.16	21.89	21.92	21.73	22.09		
10	16QAM	1	25	22.03	21.91	22.00	21.84	22.02	23.2	0
10	16QAM	1	49	22.13	21.86	21.94	21.82	22.05		
10	16QAM	25	0	22.02	21.94	21.87	21.56	22.24		
10	16QAM	25	12	22.00	22.02	22.12	21.85	22.05	23.2	0
10	16QAM	25	25	21.87	21.79	22.02	21.62	22.16		
10	16QAM	50	0	21.96	21.88	21.87	21.69	22.04		
10	64QAM	1	0	22.19	21.90	21.95	21.72	22.08		
10	64QAM	1	25	22.10	21.76	21.96	21.80	22.25	23.2	0
10	64QAM	1	49	22.02	21.78	22.09	21.70	21.98		
10	64QAM	25	0	21.97	21.67	21.81	21.59	22.06		
10	64QAM	25	12	22.23	21.79	21.83	21.77	22.16	22.7	0.5
10	64QAM	25	25	22.04	22.00	22.00	21.79	22.06		
10	64QAM	50	0	22.06	21.94	22.00	21.71	21.94		
10	256QAM	1	0	21.99	21.88	21.94	21.83	22.03		
10	256QAM	1	25	22.00	21.90	21.86	21.69	22.14	20.7	2.5
10	256QAM	1	49	21.98	21.87	21.91	21.63	22.25		
10	256QAM	25	0	21.94	21.75	21.97	21.73	21.95		
10	256QAM	25	12	22.15	21.90	21.94	21.78	22.02	20.7	2.5
10	256QAM	25	25	22.04	21.80	21.96	21.76	22.07		
10	256QAM	50	0	21.88	21.90	21.94	21.78	21.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.16	22.06	22.20	21.80	22.34		
5	QPSK	1	12	22.02	21.94	22.17	21.63	22.14	23.2	0
5	QPSK	1	24	22.27	22.05	22.12	21.80	22.21		
5	QPSK	12	0	22.07	22.00	22.17	21.82	22.24		
5	QPSK	12	7	22.06	21.70	21.94	21.69	22.22	23.2	0
5	QPSK	12	13	21.97	21.91	21.78	21.59	22.07		
5	QPSK	25	0	22.02	21.95	22.04	21.68	22.08		
5	16QAM	1	0	22.10	21.85	22.01	21.73	22.22		
5	16QAM	1	12	21.90	21.92	21.89	21.81	22.12	23.2	0
5	16QAM	1	24	22.20	21.90	21.88	21.69	22.13		
5	16QAM	12	0	22.15	21.85	22.02	21.58	22.24		
5	16QAM	12	7	21.96	21.88	22.03	21.80	22.13	23.2	0
5	16QAM	12	13	21.96	21.76	22.04	21.64	22.05		
5	16QAM	25	0	21.95	21.89	21.97	21.72	22.07		
5	64QAM	1	0	22.17	22.02	21.87	21.66	22.22		
5	64QAM	1	12	21.92	21.82	21.88	21.80	22.15	23.2	0
5	64QAM	1	24	21.90	21.96	22.07	21.61	22.08		
5	64QAM	12	0	21.96	21.80	21.79	21.65	22.15		
5	64QAM	12	7	22.22	21.88	21.91	21.81	21.97	22.7	0.5
5	64QAM	12	13	21.87	21.97	22.09	21.67	22.03		
5	64QAM	25	0	22.07	21.81	21.98	21.94	21.96		
5	256QAM	1	0	22.17	21.98	21.92	21.65	22.16		
5	256QAM	1	12	22.04	21.78	21.99	21.77	22.17	20.7	2.5
5	256QAM	1	24	22.03	21.85	21.90	21.67	22.09		
5	256QAM	12	0	22.02	21.80	21.95	21.79	21.95		
5	256QAM	12	7	22.09	21.85	21.94	21.59	21.99	20.7	2.5
5	256QAM	12	13	21.91	21.91	22.03	21.58	22.05		
5	256QAM	25	0	22.01	21.92	21.97	21.61	22.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.08	21.01	21.22	21.13	21.17		
20	QPSK	1	49	21.03	20.94	21.12	21.10	21.15	22	0
20	QPSK	1	99	20.99	20.91	21.17	21.04	21.11		
20	QPSK	50	0	21.05	20.94	21.19	21.14	21.15		
20	QPSK	50	24	21.01	20.88	21.09	21.12	21.11	22	0
20	QPSK	50	50	20.91	20.86	21.14	21.08	21.15		
20	QPSK	100	0	21.05	20.92	21.17	21.11	21.05		
20	16QAM	1	0	21.06	20.85	21.09	21.10	21.14		
20	16QAM	1	49	21.08	20.89	21.19	21.14	21.12	22	0
20	16QAM	1	99	21.02	21.04	21.20	21.16	21.16		
20	16QAM	50	0	21.01	20.85	21.09	21.16	21.16		
20	16QAM	50	24	21.07	20.89	21.11	21.16	21.08	22	0
20	16QAM	50	50	20.99	20.95	21.20	21.16	21.17		
20	16QAM	100	0	21.08	20.87	21.12	21.14	21.18		
20	64QAM	1	0	20.77	20.56	20.80	20.80	21.12		
20	64QAM	1	49	20.78	20.58	20.88	20.86	21.01	22	0
20	64QAM	1	99	20.81	20.75	20.91	20.87	20.86		
20	64QAM	50	0	20.68	20.34	20.58	20.64	20.85		
20	64QAM	50	24	20.56	20.36	20.59	20.61	20.78	21.5	0.5
20	64QAM	50	50	20.64	20.41	20.67	20.62	20.74		
20	64QAM	100	0	20.54	20.36	20.62	20.62	20.77		
20	256QAM	1	0	19.17	19.18	19.42	19.38	19.75		
20	256QAM	1	49	19.18	19.12	19.37	19.28	19.69	19.5	2.5
20	256QAM	1	99	19.06	19.07	19.28	19.36	19.58		
20	256QAM	50	0	19.08	19.03	19.33	19.28	19.67		
20	256QAM	50	24	19.13	19.09	19.40	19.35	19.69	19.5	2.5
20	256QAM	50	50	19.06	19.04	19.38	19.38	19.57		
20	256QAM	100	0	17.98	18.00	18.39	18.33	18.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.94	20.95	21.02	21.04	21.02		
15	QPSK	1	37	21.02	20.79	20.92	20.92	20.95	22	0
15	QPSK	1	74	20.81	20.79	21.10	20.91	21.04		
15	QPSK	36	0	21.02	20.79	21.04	21.03	21.02		
15	QPSK	36	20	21.00	20.76	21.08	21.09	21.04	22	0
15	QPSK	36	39	20.87	20.73	21.01	20.89	21.14		
15	QPSK	75	0	20.98	20.79	21.15	21.03	21.03		
15	16QAM	1	0	21.00	20.75	21.04	21.01	20.98		
15	16QAM	1	37	20.90	20.79	21.02	21.08	20.97	22	0
15	16QAM	1	74	20.98	20.93	21.05	21.06	21.01		
15	16QAM	36	0	20.97	20.70	20.94	21.08	20.98		
15	16QAM	36	20	20.92	20.70	21.01	21.06	21.05	22	0
15	16QAM	36	39	20.94	20.87	21.16	20.99	21.06		
15	16QAM	75	0	21.05	20.68	21.01	21.07	21.04		
15	64QAM	1	0	20.65	20.53	20.71	20.70	21.07		
15	64QAM	1	37	20.69	20.50	20.82	20.85	20.93	22	0
15	64QAM	1	74	20.65	20.69	20.79	20.77	20.78		
15	64QAM	36	0	20.46	20.33	20.39	20

Default & Full Power for ENDC&ULCA_Main PA

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.88	23.96	23.95		
20	QPSK	1	49	23.82	23.93	23.92	25	0
20	QPSK	1	99	23.82	23.85	23.93		
20	QPSK	50	0	22.93	22.94	22.91		
20	QPSK	50	24	22.83	22.93	22.90	24	1
20	QPSK	50	50	22.85	22.86	22.83		
20	QPSK	100	0	22.82	22.92	22.90		
20	16QAM	1	0	21.98	23.11	23.19		
20	16QAM	1	49	23.05	23.14	23.08	24	1
20	16QAM	1	99	22.98	23.06	23.07		
20	16QAM	50	0	21.87	21.94	21.86		
20	16QAM	50	24	21.80	21.92	21.90	23	2
20	16QAM	50	50	21.85	21.85	21.83		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.99	22.03	22.07		
20	64QAM	1	49	21.94	22.04	22.01	23	2
20	64QAM	1	99	21.92	21.97	21.98		
20	64QAM	50	0	20.70	20.95	20.90		
20	64QAM	50	24	20.85	20.89	20.88	22	3
20	64QAM	50	50	20.86	20.88	20.83		
20	64QAM	100	0	20.85	20.91	20.92		
20	256QAM	1	0	18.69	18.61	18.58		
20	256QAM	1	49	18.52	18.62	18.58	20	5
20	256QAM	1	99	18.50	18.55	18.46		
20	256QAM	50	0	18.56	18.56	18.46		
20	256QAM	50	24	18.63	18.55	18.89	20	5
20	256QAM	50	50	18.51	18.48	18.51		
20	256QAM	100	0	18.49	18.52	18.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.80	23.89	23.87		
15	QPSK	1	37	23.79	23.90	23.83	25	0
15	QPSK	1	74	23.78	23.81	23.90		
15	QPSK	36	0	22.79	22.92	22.86		
15	QPSK	36	20	22.81	22.88	22.81	24	1
15	QPSK	36	39	22.73	22.81	22.81		
15	QPSK	75	0	22.74	22.84	22.82		
15	16QAM	1	0	22.99	23.00	23.14		
15	16QAM	1	37	23.00	23.07	23.01	24	1
15	16QAM	1	74	22.96	22.99	23.03		
15	16QAM	36	0	21.85	21.93	21.83		
15	16QAM	36	20	21.75	21.84	21.87	23	2
15	16QAM	36	39	21.84	21.84	21.76		
15	16QAM	75	0	21.74	21.75	21.75		
15	64QAM	1	0	21.96	21.91	22.01		
15	64QAM	1	37	21.86	21.96	21.96	23	2
15	64QAM	1	74	21.87	21.86	21.96		
15	64QAM	36	0	20.59	20.94	20.80		
15	64QAM	36	20	20.80	20.87	20.80	22	3
15	64QAM	36	39	20.80	20.80	20.76		
15	64QAM	75	0	20.82	20.79	20.91		
15	256QAM	1	0	18.58	18.59	18.56		
15	256QAM	1	37	18.46	18.52	18.55	20	5
15	256QAM	1	74	18.46	18.55	18.46		
15	256QAM	36	0	18.48	18.47	18.44		
15	256QAM	36	20	18.57	18.46	18.68	20	5
15	256QAM	36	39	18.45	18.40	18.41		
15	256QAM	75	0	18.41	18.55	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.80	23.84	23.88		
10	QPSK	1	25	23.80	23.83	23.91	25	0
10	QPSK	1	49	23.81	23.80	23.86		
10	QPSK	25	0	22.78	22.91	22.87		
10	QPSK	25	12	22.79	22.88	22.89	24	1
10	QPSK	25	25	22.79	22.77	22.77		
10	QPSK	50	0	22.76	22.82	22.85		
10	16QAM	1	0	22.96	23.02	23.07		
10	16QAM	1	25	23.02	23.02	22.96	24	1
10	16QAM	1	49	22.86	23.02	22.99		
10	16QAM	25	0	21.55	21.82	21.86		
10	16QAM	25	12	21.79	21.88	21.86	23	2
10	16QAM	25	25	21.78	21.77	21.78		
10	16QAM	50	0	21.77	21.81	21.80		
10	64QAM	1	0	21.87	21.92	22.02		
10	64QAM	1	25	21.85	21.93	21.90	23	2
10	64QAM	1	49	21.91	21.91	21.92		
10	64QAM	25	0	20.59	20.83	20.89		
10	64QAM	25	12	20.81	20.77	20.86	22	3
10	64QAM	25	25	20.80	20.76	20.80		
10	64QAM	50	0	20.81	20.90	20.84		
10	256QAM	1	0	18.59	18.56	18.48		
10	256QAM	1	25	18.50	18.53	18.56	20	5
10	256QAM	1	49	18.46	18.47	18.39		
10	256QAM	25	0	18.54	18.48	18.34		
10	256QAM	25	12	18.60	18.48	18.63	20	5
10	256QAM	25	25	18.42	18.41	18.43		
10	256QAM	50	0	18.47	18.48	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.94	23.91		
5	QPSK	1	12	23.72	23.84	23.87	25	0
5	QPSK	1	24	23.75	23.78	23.89		
5	QPSK	12	0	22.78	22.88	22.84		
5	QPSK	12	7	22.82	22.81	22.81	24	1
5	QPSK	12	13	22.77	22.78	22.81		
5	QPSK	25	0	22.77	22.87	22.81		
5	16QAM	1	0	22.98	23.06	23.10		
5	16QAM	1	12	23.03	23.06	22.97	24	1
5	16QAM	1	24	22.95	23.02	22.95		
5	16QAM	12	0	21.72	21.85	21.81		
5	16QAM	12	7	21.72	21.87	21.89	23	2
5	16QAM	12	13	21.78	21.73	21.72		
5	16QAM	25	0	21.74	21.77	21.85		
5	64QAM	1	0	21.95	21.91	21.95		
5	64QAM	1	12	21.91	22.00	22.00	23	2
5	64QAM	1	24	21.80	21.88	21.93		
5	64QAM	12	0	20.58	20.86	20.86		
5	64QAM	12	7	20.82	20.88	20.76	22	3
5	64QAM	12	13	20.78	20.82	20.73		
5	64QAM	25	0	20.74	20.82	20.91		
5	256QAM	1	0	18.66	18.55	18.50		
5	256QAM	1	12	18.47	18.51	18.55	20	5
5	256QAM	1	24	18.46	18.47	18.34		
5	256QAM	12	0	18.55	18.52	18.45		
5	256QAM	12	7	18.59	18.48	18.67	20	5
5	256QAM	12	13	18.50	18.37	18.39		
5	256QAM	25	0	18.45	18.53	18.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.86	23.94	23.85		
3	QPSK	1	8	23.76	23.82	23.89	25	0
3	QPSK	1	14	23.81	23.78	23.87		
3	QPSK	8	0	22.76	22.92	22.90		
3	QPSK	8	4	22.81	22.83	22.84	24	1
3	QPSK	8	7	22.76	22.82	22.77		
3	QPSK	15	0	22.75	22.81	22.89		
3	16QAM	1	0	23.03	23.05	23.07		
3	16QAM	1	8	22.97	23.04	22.96	24	1
3	16QAM	1	14	22.97	22.97	22.98		
3	16QAM	8	0	21.63	21.82	21.77		
3	16QAM	8	4	21.75	21.90	21.81	23	2
3	16QAM	8	7	21.84	21.81	21.74		
3	16QAM	15	0	21.79	21.80	21.85		
3	64QAM	1	0	21.88	21.94	21.98		
3	64QAM	1	8	21.88	21.93	21.92	23	2
3	64QAM	1	14	21.90	21.87	21.96		
3	64QAM	8	0	20.66	20.88	20.83		
3	64QAM	8	4	20.80	20.87	20.82	22	3
3	64QAM	8	7	20.75	20.85	20.74		
3	64QAM	15	0	20.76	20.80	20.90		
3	256QAM	1	0	18.59	18.59	18.47		
3	256QAM	1	8	18.46	18.55	18.48	20	5
3	256QAM	1	14	18.45	18.50	18.38		
3	256QAM	8	0	18.53	18.48	18.42		
3	256QAM	8	4	18.62	18.51	18.66	20	5
3	256QAM	8	7	18.42	18.43	18.49		
3	256QAM	15	0	18.39	18.43	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.79	23.85	23.83		
1.4	QPSK	1	3	23.81	23.83	23.83		
1.4	QPSK	1	5	23.71	23.81	23.86	25	0
1.4	QPSK	3	0	23.69	23.79	23.80		
1.4	QPSK	3	1	23.69	23.76	23.76		
1.4	QPSK	3	3	23.61	23.74	23.85		
1.4	QPSK	6	0	22.81	22.80	22.86	24	1
1.4	16QAM	1	0	23.07	23.07	23.14		
1.4	16QAM	1	3	22.93	23.02	23.07		
1.4	16QAM	1	5	22.95	23.00	23.04	24	1
1.4	16QAM	3	0	22.96	23.01	23.13		
1.4	16QAM	3	1	22.92	22.93	23.02		
1.4	16QAM	3	3	22.86	22.97	22.95		
1.4	16QAM	6	0	21.77	21.80	21.77	23	2
1.4	64QAM	1	0	21.94	21.92	22.02		
1.4	64QAM	1	3	21.86	21.97	21.91		
1.4	64QAM	1	5	21.91	21.90	21.92	23	2
1.4	64QAM	3	0	21.93	21.84	21.99		
1.4	64QAM	3	1	21.80	21.95	21.83		
1.4	64QAM	3	3	21.87	21.85	21.90		
1.4	64QAM	6	0	20.84	20.90	20.83	22	3
1.4	256QAM	1	0	18.67	18.54	18.52		
1.4	256QAM	1	3	18.43	18.56	18.54		
1.4	256QAM	1	5	18.40	18.47	18.42	20	5
1.4	256QAM	3	0	18.53	18.47	18.43		
1.4	256QAM	3	1	18.54	18.44	18.64		
1.4	256QAM	3	3	18.49	18.37	18.48		
1.4	256QAM	6	0	18.48	18.44	18.69	20	5

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62		
20	QPSK	1	49	23.53	23.60	23.59	24.5	0
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.57	22.56		
20	QPSK	50	24	22.58	22.58	22.52	23.5	1
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.66	22.81	22.84		
20	16QAM	1	49	22.74	22.83	22.71	23.5	1
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53		
20	16QAM	50	24	21.49	21.52	21.55	22.5	2
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71		
20	64QAM	1	49	21.58	21.67	21.61	22.5	2
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.66	20.57		
20	64QAM	50	24	20.51	20.57	20.61	21.5	3
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.57	18.49		
20	256QAM	1	49	18.46	18.46	18.41	19.5	5
20	256QAM	1	99	18.40	18.45	18.47		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.43	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51		
15	QPSK	1	37	23.43	23.55	23.47	24.5	0
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.50	22.50	22.52		
15	QPSK	36	20	22.48	22.49	22.48	23.5	1
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72		
15	16QAM	1	37	22.69	22.82	22.68	23.5	1
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52		
15	16QAM	36	20	21.45	21.42	21.48	22.5	2
15	16QAM	36	39	21.45	21.49	21.40		
15	16QAM	75	0	21.39	21.50	21.43		
15	64QAM	1	0	21.65	21.61	21.69		
15	64QAM	1	37	21.46	21.46	21.53	22.5	2
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48		
15	64QAM	36	20	20.48	20.53	20.57	21.5	3
15	64QAM	36	39	20.54	20.48	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38		
15	256QAM	1	37	18.41	18.38	18.37	19.5	5
15	256QAM	1	74	18.35	18.36	18.43		
15	256QAM	36	0	18.47	18.45	18.57		
15	256QAM	36	20	18.62	18.55	18.50	19.5	5
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.34	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.45	23.63	23.58		
10	QPSK	1	25	23.45	23.54	23.53	24.5	0
10	QPSK	1	49	23.36	23.50	23.48		
10	QPSK	25	0	22.32	22.51	22.52		
10	QPSK	25	12	22.45	22.47	22.44	23.5	1
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.48	22.48		
10	16QAM	1	0	22.82	22.76	22.73		
10	16QAM	1	25	22.64	22.82	22.70	23.5	1
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.61	21.50		
10	16QAM	25	12	21.47	21.46	21.48	22.5	2
10	16QAM	25	25	21.47	21.46	21.46		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.62		
10	64QAM	1	25	21.53	21.62	21.56	22.5	2
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54		
10	64QAM	25	12	20.50	20.53	20.53	21.5	3
10	64QAM	25	25	20.56	20.44	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.50	18.45		
10	256QAM	1	25	18.36	18.37	18.37	19.5	5
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.49	18.37	18.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.49	23.55	23.57		
5	QPSK	1	12	23.47	23.52	23.56	24.5	0
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.62	22.50		
5	QPSK	12	7	22.49	22.50	22.43	23.5	1
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.49	22.58		
5	16QAM	1	0	22.79	22.77	22.77		
5	16QAM	1	12	22.71	22.77	22.70	23.5	1
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.54	21.47		
5	16QAM	12	7	21.41	21.42	21.43	22.5	2
5	16QAM	12	13	21.47	21.53	21.41		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59		
5	64QAM	1	12	21.55	21.66	21.55	22.5	2
5	64QAM	1	24	21.41	21.46	21.62		
5	64QAM	12	0	20.31	20.64	20.55		
5	64QAM	12	7	20.43	20.51	20.52	21.5	3
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.46	18.43		
5	256QAM	1	12	18.41	18.44	18.34	19.5	5
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.30	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57		
3	QPSK	1	8	23.49	23.50	23.54	24.5	0
3	QPSK	1	14	23.43	23.49	23.52		
3	QPSK	8	0	22.45	22.60	22.44		
3	QPSK	8	4	22.46	22.54	22.45	23.5	1
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.48	22.54	22.53		
3	16QAM	1	0	22.78	22.78	22.80		
3	16QAM	1	8	22.63	22.76	22.61	23.5	1
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.60	21.41		
3	16QAM	8	4	21.37	21.40	21.53	22.5	2
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.57	21.66		
3	64QAM	1	8	21.56	21.63	21.57	22.5	2
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48		
3	64QAM	8	4	20.40	20.49	20.49	21.5	3
3	64QAM	8	7	20.50	20.48	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46		
3	256QAM	1	8	18.43	18.35	18.40	19.5	5
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.38	18.49		
3	256QAM	15	0	18.48	18.39	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53		
1.4	QPSK	1	3	23.51	23.56	23.58		
1.4	QPSK	1	5	23.39	23.41	23.59	24.5	0
1.4	QPSK	3	0	23.52	23.49	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.38	23.49		
1.4	QPSK	6	0	22.46	22.56	22.47	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82		
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75	23.5	1
1.4	16QAM	3	0	22.83	22.85	22.73		
1.4	16QAM	3	1	22.62	22.65	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.39	21.47	22.5	2
1.4	64QAM	1	0	21.59	21.56	21.60		
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56	22.5	2
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.50	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42		
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43	19.5	5
1.4	256QAM	3	0	18.48	18.49	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.39	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65		
10	QPSK	1	25	24.55	24.56	24.64	25.5	0
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64		
10	QPSK	25	12	23.53	23.52	23.62	24.5	1
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82		
10	16QAM	1	25	23.73	23.82	23.81	24.5	1
10	16QAM	1	49	23.74	23.81	23.82		
10	16QAM	25	0	22.45	22.55	22.67		
10	16QAM	25	12	22.50	22.63

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	22.99	22.88	24	0
20	QPSK	1	49	22.96	22.97	22.84		
20	QPSK	1	99	22.85	22.96	22.84		
20	QPSK	50	0	22.03	22.07	21.99	23	1
20	QPSK	50	24	21.95	22.04	21.92		
20	QPSK	50	50	21.96	22.00	21.91		
20	QPSK	100	0	21.90	22.00	21.90		
20	16QAM	1	0	22.04	22.16	22.09	23	1
20	16QAM	1	49	22.15	22.22	22.09		
20	16QAM	1	99	22.17	22.20	22.05		
20	16QAM	50	0	20.88	21.02	20.92	22	2
20	16QAM	50	24	20.88	20.99	20.86		
20	16QAM	50	50	20.99	21.00	20.87		
20	16QAM	100	0	20.87	20.95	20.89		
20	64QAM	1	0	20.96	21.08	21.00	22	2
20	64QAM	1	49	21.11	21.13	20.99		
20	64QAM	1	99	21.12	21.15	21.02		
20	64QAM	50	0	19.85	20.04	19.91	21	3
20	64QAM	50	24	19.89	20.00	19.87		
20	64QAM	50	50	20.02	19.98	19.85		
20	64QAM	100	0	19.88	19.99	19.88		
20	256QAM	1	0	17.37	17.44	17.40	19	5
20	256QAM	1	49	17.30	17.38	17.31		
20	256QAM	1	99	17.33	17.36	17.33		
20	256QAM	50	0	17.36	17.40	17.35	19	5
20	256QAM	50	24	17.44	17.45	17.42		
20	256QAM	50	50	17.33	17.44	17.43		
20	256QAM	100	0	17.26	17.33	17.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	22.95	22.80	24	0
15	QPSK	1	37	22.92	22.91	22.79		
15	QPSK	1	74	22.76	22.89	22.75		
15	QPSK	36	0	21.92	21.99	21.98	23	1
15	QPSK	36	20	21.94	21.95	21.91		
15	QPSK	36	39	21.95	21.93	21.80		
15	QPSK	75	0	21.82	21.97	21.86		
15	16QAM	1	0	21.99	22.04	22.01	23	1
15	16QAM	1	37	22.04	22.12	22.04		
15	16QAM	1	74	22.15	22.14	21.93		
15	16QAM	36	0	20.79	20.93	20.82	22	2
15	16QAM	36	20	20.78	20.91	20.85		
15	16QAM	36	39	20.88	20.92	20.85		
15	16QAM	75	0	20.82	20.84	20.84		
15	64QAM	1	0	20.88	21.01	20.93	22	2
15	64QAM	1	37	21.02	21.10	20.91		
15	64QAM	1	74	21.05	21.04	20.91		
15	64QAM	36	0	19.75	19.92	19.85	21	3
15	64QAM	36	20	19.80	19.98	19.83		
15	64QAM	36	39	19.99	19.95	19.84		
15	64QAM	75	0	19.80	19.95	19.80		
15	256QAM	1	0	17.33	17.37	17.31	19	5
15	256QAM	1	37	17.26	17.31	17.27		
15	256QAM	1	74	17.25	17.26	17.29		
15	256QAM	36	0	17.25	17.37	17.29	19	5
15	256QAM	36	20	17.41	17.38	17.31		
15	256QAM	36	39	17.28	17.40	17.31		
15	256QAM	75	0	17.16	17.22	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.95	22.91	22.87	24	0
10	QPSK	1	25	22.95	22.86	22.75		
10	QPSK	1	49	22.83	22.84	22.76		
10	QPSK	25	0	21.93	22.04	21.89	23	1
10	QPSK	25	12	21.87	21.96	21.83		
10	QPSK	25	25	21.92	21.95	21.83		
10	QPSK	50	0	21.79	21.98	21.78		
10	16QAM	1	0	21.93	22.05	22.04	23	1
10	16QAM	1	25	22.08	22.19	22.00		
10	16QAM	1	49	22.12	22.13	22.00		
10	16QAM	25	0	20.79	20.93	20.84	22	2
10	16QAM	25	12	20.85	20.95	20.81		
10	16QAM	25	25	20.90	20.93	20.80		
10	16QAM	50	0	20.75	20.84	20.83		
10	64QAM	1	0	20.87	20.96	20.93	22	2
10	64QAM	1	25	20.99	21.02	20.92		
10	64QAM	1	49	21.05	21.05	20.92		
10	64QAM	25	0	19.82	19.95	19.80	21	3
10	64QAM	25	12	19.88	19.90	19.77		
10	64QAM	25	25	19.98	19.92	19.78		
10	64QAM	50	0	19.77	19.98	19.80		
10	256QAM	1	0	17.32	17.37	17.29	19	5
10	256QAM	1	25	17.22	17.31	17.30		
10	256QAM	1	49	17.32	17.25	17.28		
10	256QAM	25	0	17.28	17.28	17.28	19	5
10	256QAM	25	12	17.38	17.42	17.38		
10	256QAM	25	25	17.24	17.33	17.31		
10	256QAM	50	0	17.18	17.26	17.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.88	22.89	22.87	24	0
5	QPSK	1	12	22.93	22.96	22.81		
5	QPSK	1	24	22.76	22.91	22.73		
5	QPSK	12	0	21.93	22.05	21.92	23	1
5	QPSK	12	7	21.84	22.02	21.81		
5	QPSK	12	13	21.86	21.95	21.81		
5	QPSK	25	0	21.80	21.98	21.79		
5	16QAM	1	0	22.03	22.10	22.00	23	1
5	16QAM	1	12	22.03	22.17	22.07		
5	16QAM	1	24	22.06	22.11	21.99		
5	16QAM	12	0	20.84	20.93	20.82	22	2
5	16QAM	12	7	20.86	20.94	20.76		
5	16QAM	12	13	20.89	20.93	20.77		
5	16QAM	25	0	20.85	20.83	20.82		
5	64QAM	1	0	20.87	21.07	20.89	22	2
5	64QAM	1	12	21.00	21.06	20.96		
5	64QAM	1	24	21.03	21.12	20.94		
5	64QAM	12	0	19.79	19.94	19.86	21	3
5	64QAM	12	7	19.79	19.96	19.75		
5	64QAM	12	13	19.94	19.96	19.84		
5	64QAM	25	0	19.86	19.91	19.80		
5	256QAM	1	0	17.34	17.35	17.32	19	5
5	256QAM	1	12	17.27	17.28	17.21		
5	256QAM	1	24	17.27	17.29	17.23		
5	256QAM	12	0	17.30	17.38	17.28	19	5
5	256QAM	12	7	17.42	17.40	17.35		
5	256QAM	12	13	17.22	17.33	17.33		
5	256QAM	25	0	17.20	17.21	17.29		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.32	24.41	24.39	25.5	0
20	QPSK	1	49	24.25	24.36	24.34		
20	QPSK	1	99	24.19	24.34	24.31		
20	QPSK	50	0	23.39	23.44	23.41	24.5	1
20	QPSK	50	24	23.24	23.35	23.35		
20	QPSK	50	50	23.31	23.41	23.36		
20	QPSK	100	0	23.23	23.39	23.38		
20	16QAM	1	0	23.32	23.41	23.54	24.5	1
20	16QAM	1	49	23.47	23.58	23.55		
20	16QAM	1	99	23.50	23.61	23.54		
20	16QAM	50	0	22.17	22.42	22.41	23.5	2
20	16QAM	50	24	22.20	22.41	22.33		
20	16QAM	50	50	22.39	22.41	22.32		
20	16QAM	100	0	22.21	22.35	22.36		
20	64QAM	1	0	22.28	22.43	22.47	23.5	2
20	64QAM	1	49	22.40	22.52	22.47		
20	64QAM	1	99	22.42	22.54	22.49		
20	64QAM	50	0	21.16	21.44	21.41	22.5	3
20	64QAM	50	24	21.18	21.42	21.32		
20	64QAM	50	50	21.35	21.40	21.35		
20	64QAM	100	0	21.21	21.36	21.35		
20	256QAM	1	0	19.23	19.34	19.31	20.5	5
20	256QAM	1	49	19.28	19.33	19.27		
20	256QAM	1	99	19.43	19.47	19.35		
20	256QAM	50	0	19.20	19.31	19.24	20.5	5
20	256QAM	50	24	19.23	19.33	19.29		
20	256QAM	50	50	19.21	19.28	19.22		
20	256QAM	100	0	19.16	19.25	19.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.30	24.30	25.5	0
15	QPSK	1	37	24.19	24.24	24.32		
15	QPSK	1	74	24.09	24.28	24.20		
15	QPSK	36	0	23.27	23.32	23.33	24.5	1
15	QPSK	36	20	23.17	23.26	23.24		
15	QPSK	36	39	23.26	23.37	23.29		
15	QPSK	75	0	23.17	23.34	23.26		
15	16QAM	1	0	23.20	23.31	23.43	24.5	1
15	16QAM	1	37	23.43	23.53	23.50		
15	16QAM	1	74	23.41	23.49	23.44		
15	16QAM	36	0	22.06	22.32	22.29	23.5	2
15	16QAM	36	20	22.19	22.35	22.27		
15	16QAM	36	39	22.27	22.32	22.27		
15	16QAM	75	0	22.13	22.28	22.25		
15	64QAM	1	0	22.20	22.34	22.46	23.5	2
15	64QAM	1	37	22.34	22.50	22.42		
15	64QAM	1	74	22.30	22.51	22.42		
15	64QAM	36	0	21.13	21.34	21.38	22.5	3
15	64QAM	36	20	21.09	21.39	21.23		
15	64QAM	36	39	21.23	21.36	21.27		
15	64QAM	75	0	21.12	21.35	21.24		
15	256QAM	1	0	19.11	19.25	19.26	20.5	5
15	256QAM	1	37	19.27	19.27	19.26		
15	256QAM	1	74	19.37	19.38	19.32		
15	256QAM	36	0	19.14	19.28	19.17	20.5	5
15	256QAM	36	20	19.18	19.25	19.27		
15	256QAM	36	39	19.13	19.24	19.13		
15	256QAM	75	0	19.10	19.15	19.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.22	24.29	24.35	25.5	0
10	QPSK	1	25	24.24	24.31	24.28		
10	QPSK	1	49	24.13	24.32	24.26		
10	QPSK	25	0	23.34	23.42	23.36	24.5	1
10	QPSK	25	12	23.20	23.28	23.29		
10	QPSK	25	25	23.24	23.33	23.35		
10	QPSK	50	0	23.20	23.28	23.37		
10	16QAM	1	0	23.31	23.32	23.49	24.5	1
10	16QAM	1	25	23.38	23.53	23.53		
10	16QAM	1	49	23.48	23.54	23.44		
10	16QAM	25	0	22.10	22.39	22.35	23.5	2
10	16QAM	25	12	22.19	22.29	22.29		
10	16QAM	25	25	22.31	22.40	22.26		
10	16QAM	50	0	22.13	22.28	22.31		
10	64QAM	1	0	22.21	22.41	22.41	23.5	2
10	64QAM	1	25	22.29	22.46	22.46		
10	64QAM	1	49	22.39	22.46	22.42		
10	64QAM	25	0	21.07	21.42	21.29	22.5	3
10	64QAM	25	12	21.16	21.32	21.20		
10	64QAM	25	25	21.27	21.30	21.34		
10	64QAM	50	0	21.15	21.26	21.28		
10	256QAM	1	0	19.16	19.27	19.26	20.5	5
10	256QAM	1	25	19.18	19.30	19.19		
10	256QAM	1	49	19.39	19.46	19.32		
10	256QAM	25	0	19.13	19.28	19.12	20.5	5
10	256QAM	25	12	19.17	19.30	19.26		
10	256QAM	25	25	19.19	19.23	19.21		
10	256QAM	50	0	19.08	19.15	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.31	24.39	24.28	25.5	0
5	QPSK	1	12	24.24	24.31	24.24		
5	QPSK	1	24	24.08	24.27	24.26		
5	QPSK	12	0	23.27	23.37	23.33	24.5	1
5	QPSK	12	7	23.20	23.32	23.26		
5	QPSK	12	13	23.25	23.40	23.27		
5	QPSK	25	0	23.12	23.31	23.36		
5	16QAM	1	0	23.28	23.35	23.45	24.5	1
5	16QAM	1	12	23.40	23.50	23.44		
5	16QAM	1	24	23.38	23.50	23.49		
5	16QAM	12	0	22.16	22.40	22.38	23.5	2
5	16QAM	12	7	22.08	22.32	22.30		
5	16QAM	12	13	22.27	22.31	22.28		
5	16QAM	25	0	22.15	22.23	22.28		
5	64QAM	1	0	22.24	22.33	22.35	23.5	2
5	64QAM	1	12	22.38	22.51	22.43		
5	64QAM	1	24	22.34	22.42	22.38		
5	64QAM	12	0	21.06	21.39	21.37	22.5	3
5	64QAM	12	7	21.17	21.40	21.22		
5	64QAM	12	13	21.23	21.35	21.24		
5	64QAM	25	0	21.18	21.24	21.30		
5	256QAM	1	0	19.21	19.30	19.28	20.5	5
5	256QAM	1	12	19.27	19.25	19.18		
5	256QAM	1	24	19.38	19.46	19.24		
5	256QAM	12	0	19.09	19.29	19.20	20.5	5
5	256QAM	12	7	19.20	19.32	19.19		
5	256QAM	12	13	19.16	19.27	19.15		
5	256QAM	25	0	19.07	19.18	19.11		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.01	23.04	22.99	24	0
20	QPSK	1	49	22.99	23.03	22.93		
20	QPSK	1	99	22.99	23.01	22.94		
20	QPSK	50	0	22.05	22.11	22.07	23	1
20	QPSK	50	24	22.02	22.08	22.00		
20	QPSK	50	50	22.03	22.09	22.06		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.16	22.17	22.13	23	1
20	16QAM	1	49	22.28	22.27	22.15		
20	16QAM	1	99	22.26	22.30	22.11		
20	16QAM	50	0	20.92	21.08	21.00	22	2
20	16QAM	50	24	21.03	21.09	20.99		
20	16QAM	50	50	21.07	21.04	20.95		
20	16QAM	100	0	20.97	21.04	20.95		
20	64QAM	1	0	21.12	21.14	21.07	22	2
20	64QAM	1	49	21.19	21.20	21.05		
20	64QAM	1	99	21.15	21.16	21.09		
20	64QAM	50	0	19.96	20.12	20.03	21	3
20	64QAM	50	24	19.96	20.02	19.94		
20	64QAM	50	50	20.07	20.02	19.95		
20	64QAM	100	0	19.99	20.04	19.96		
20	256QAM	1	0	17.52	17.62	17.50	19	5
20	256QAM	1	49	17.58	17.64	17.57		
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46	19	5
20	256QAM	50	24	17.50	17.56	17.52		
20	256QAM	50	50	17.61	17.63	17.59		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	22.95	22.90	24	0
15	QPSK	1	37	22.94	22.94	22.90		
15	QPSK	1	74	22.87	22.98	22.91		
15	QPSK	36	0	21.94	22.10	22.03	23	1
15	QPSK	36	20	21.95	22.04	21.94		
15	QPSK	36	39	21.98	21.99	21.87		
15	QPSK	75	0	22.00	21.94	21.89		
15	16QAM	1	0	22.13	22.13	22.11	23	1
15	16QAM	1	37	22.16	22.19	22.06		
15	16QAM	1	74	22.16	22.23	22.10		
15	16QAM	36	0	20.87	21.04	20.97	22	2
15	16QAM	36	20	20.99	21.02	20.87		
15	16QAM	36	39	21.03	20.96	20.87		
15	16QAM	75	0	20.91	20.95	20.85		
15	64QAM	1	0	21.02	21.07	20.98	22	2
15	64QAM	1	37	21.14	21.09	20.97		
15	64QAM	1	74	21.10	21.13	21.01		
15	64QAM	36	0	19.93	20.01	19.93	21	3
15	64QAM	36	20	19.93	19.96	19.88		
15	64QAM	36	39	20.05	19.95	19.86		
15	64QAM	75	0	19.97	19.95	19.93		
15	256QAM	1	0	17.48	17.50	17.42	19	5
15	256QAM	1	37	17.52	17.62	17.50		
15	256QAM	1	74	17.53	17.62	17.52		
15	256QAM	36	0	17.47	17.48	17.40	19	5
15	256QAM	36	20	17.46	17.54	17.41		
15	256QAM	36	39	17.52	17.58	17.52		
15	256QAM	75	0	17.37	17.45	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.98	23.02	22.87	24	0
10	QPSK	1	25	22.90	22.97	22.91		
10	QPSK	1	49	22.88	23.00	22.83		
10	QPSK	25	0	21.93	21.99	21.98	23	1
10	QPSK	25	12	22.00	22.00	21.93		
10	QPSK	25	25	21.98	21.99	21.86		
10	QPSK	50	0	21.90	21.95	21.87		
10	16QAM	1	0	22.07	22.11	22.12	23	1
10	16QAM	1	25	22.22	22.16	22.03		
10	16QAM	1	49	22.25	22.26	22.07		
10	16QAM	25	0	20.89	20.99	20.89	22	2
10	16QAM	25	12	21.02	21.03	20.87		
10	16QAM	25	25	21.00	20.98	20.94		
10	16QAM	50	0	20.86	20.92	20.94		
10	64QAM	1	0	21.07	21.04	21.03	22	2
10	64QAM	1	25	21.13	21.15	20.94		
10	64QAM	1	49	21.05	21.14	21.02		
10	64QAM	25	0	19.86	20.00	19.91	21	3
10	64QAM	25	12	19.94	19.93	19.82		
10	64QAM	25	25	20.03	19.91	19.84		
10	64QAM	50	0	19.98	19.94	19.90		
10	256QAM	1	0	17.47	17.56	17.38	19	5
10	256QAM	1	25	17.51	17.54	17.50		
10	256QAM	1	49	17.44	17.64	17.62		
10	256QAM	25	0	17.45	17.56	17.39	19	5
10	256QAM	25	12	17.41	17.54	17.45		
10	256QAM	25	25	17.58	17.57	17.48		
10	256QAM	50	0	17.29	17.48	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.01	22.97	24	0
5	QPSK	1	12	22.97	22.92	22.82		
5	QPSK	1	24	22.92	22.92	22.91		
5	QPSK	12	0	21.97	22.08	22.01	23	1
5	QPSK	12	7	22.00	21.97	21.86		
5	QPSK	12	13	22.01	22.07	21.86		
5	QPSK	25	0	21.94	21.97	21.87		
5	16QAM	1	0	22.13	22.16	22.05	23	1
5	16QAM	1	12	22.16	22.22	22.04		
5	16QAM	1	24	22.20	22.23	22.02		
5	16QAM	12	0	20.80	20.98	20.92	22	2
5	16QAM	12	7	20.95	21.08	20.96		
5	16QAM	12	13	21.03	20.96	20.92		
5	16QAM	25	0	20.94	20.99	20.93		
5	64QAM	1	0	21.08	21.12	20.99	22	2
5	64QAM	1	12	21.14	21.10	20.97		
5	64QAM	1	24	21.04	21.05	21.08		
5	64QAM	12	0	19.92	20.07	20.01	21	3
5	64QAM	12	7	19.87	19.91	19.83		
5	64QAM	12	13	20.03	20.00	19.85		
5	64QAM	25	0	19.94	20.00	19.94		
5	256QAM	1	0	17.47	17.53	17.38	19	5
5	256QAM	1	12	17.52	17.54	17.56		
5	256QAM	1	24	17.42	17.57	17.52		
5	256QAM	12	0	17.51	17.51	17.39	19	5
5	256QAM	12	7	17.42	17.52	17.47		
5	256QAM	12	13	17.56	17.57	17.50		
5	256QAM	25	0	17.32	17.45	17.36		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.50	24.54	24.47	25.5	0
20	QPSK	1	49	24.48	24.52	24.38		
20	QPSK	1	99	24.41	24.47	24.37		
20	QPSK	50	0	23.55	23.61	23.48	24.5	1
20	QPSK	50	24	23.47	23.55	23.42		
20	QPSK	50	50	23.47	23.55	23.36		
20	QPSK	100	0	23.49	23.54	23.43		
20	16QAM	1	0	24.40	24.48	24.38	24.5	1
20	16QAM	1	49	24.39	24.49	24.34		
20	16QAM	1	99	24.31	24.46	24.25		
20	16QAM	50	0	22.43	22.44	22.43	23.5	2
20	16QAM	50	24	22.45	22.44	22.31		
20	16QAM	50	50	22.33	22.46	22.34		
20	16QAM	100	0	22.43	22.47	22.42		
20	64QAM	1	0	22.41	22.46	22.31	23.5	2
20	64QAM	1	49	22.30	22.41	22.30		
20	64QAM	1	99	22.49	22.44	22.41		
20	64QAM	50	0	21.36	21.44	21.27	22.5	3
20	64QAM	50	24	21.35	21.43	21.31		
20	64QAM	50	50	21.47	21.48	21.35		
20	64QAM	100	0	21.41	21.41	21.28		
20	256QAM	1	0	19.40	19.46	19.27	20.5	5
20	256QAM	1	49	19.47	19.43	19.35		
20	256QAM	1	99	19.37	19.42	19.32		
20	256QAM	50	0	19.37	19.38	19.30	20.5	5
20	256QAM	50	24	19.45	19.43	19.38		
20	256QAM	50	50	19.43	19.48	19.31		
20	256QAM	100	0	19.37	19.39	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.47	24.42	25.5	0
15	QPSK	1	37	24.38	24.41	24.27		
15	QPSK	1	74	24.30	24.36	24.35		
15	QPSK	36	0	23.45	23.57	23.44	24.5	1
15	QPSK	36	20	23.38	23.52	23.35		
15	QPSK	36	39	23.42	23.54	23.28		
15	QPSK	75	0	23.48	23.46	23.33		
15	16QAM	1	0	24.36	24.46	24.27	24.5	1
15	16QAM	1	37	24.33	24.43	24.31		
15	16QAM	1	74	24.29	24.38	24.17		
15	16QAM	36	0	22.40	22.33	22.36	23.5	2
15	16QAM	36	20	22.39	22.35	22.19		
15	16QAM	36	39	22.26	22.41	22.24		
15	16QAM	75	0	22.41	22.38	22.37		
15	64QAM	1	0	22.29	22.42	22.24	23.5	2
15	64QAM	1	37	22.26	22.30	22.19		
15	64QAM	1	74	22.45	22.42	22.37		
15	64QAM	36	0	21.28	21.35	21.24	22.5	3
15	64QAM	36	20	21.33	21.39	21.21		
15	64QAM	36	39	21.37	21.44	21.29		
15	64QAM	75	0	21.38	21.37	21.25		
15	256QAM	1	0	19.34	19.43	19.26	20.5	5
15	256QAM	1	37	19.38	19.35	19.34		
15	256QAM	1	74	19.35	19.32	19.26		
15	256QAM	36	0	19.31	19.37	19.29	20.5	5
15	256QAM	36	20	19.40	19.37	19.28		
15	256QAM	36	39	19.42	19.44	19.28		
15	256QAM	75	0	19.26	19.33	19.29		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.39	24.53	24.45	25.5	0
10	QPSK	1	25	24.41	24.40	24.35		
10	QPSK	1	49	24.36	24.40	24.30		
10	QPSK	25	0	23.44	23.53	23.42	24.5	1
10	QPSK	25	12	23.46	23.49	23.32		
10	QPSK	25	25	23.39	23.48	23.24		
10	QPSK	50	0	23.46	23.53	23.40		
10	16QAM	1	0	24.31	24.47	24.27	24.5	1
10	16QAM	1	25	24.34	24.48	24.32		
10	16QAM	1	49	24.29	24.44	24.20		
10	16QAM	25	0	22.32	22.34	22.37	23.5	2
10	16QAM	25	12	22.40	22.36	22.27		
10	16QAM	25	25	22.21	22.39	22.25		
10	16QAM	50	0	22.38	22.45	22.41		
10	64QAM	1	0	22.36	22.38	22.29	23.5	2
10	64QAM	1	25	22.19	22.40	22.26		
10	64QAM	1	49	22.37	22.32	22.40		
10	64QAM	25	0	21.34	21.42	21.22	22.5	3
10	64QAM	25	12	21.31	21.42	21.29		
10	64QAM	25	25	21.44	21.36	21.30		
10	64QAM	50	0	21.29	21.33	21.27		
10	256QAM	1	0	19.30	19.39	19.15	20.5	5
10	256QAM	1	25	19.41	19.38	19.33		
10	256QAM	1	49	19.31	19.30	19.22		
10	256QAM	25	0	19.35	19.35	19.21	20.5	5
10	256QAM	25	12	19.38	19.41	19.37		
10	256QAM	25	25	19.32	19.46	19.21		
10	256QAM	50	0	19.36	19.34	19.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.45	24.51	24.44	25.5	0
5	QPSK	1	12	24.36	24.50	24.36		
5	QPSK	1	24	24.39	24.41	24.35		
5	QPSK	12	0	23.43	23.54	23.39	24.5	1
5	QPSK	12	7	23.36	23.46	23.38		
5	QPSK	12	13	23.42	23.45	23.31		
5	QPSK	25	0	23.48	23.47	23.37		
5	16QAM	1	0	24.33	24.46	24.31	24.5	1
5	16QAM	1	12	24.27	24.41	24.31		
5	16QAM	1	24	24.20	24.43	24.14		
5	16QAM	12	0	22.31	22.40	22.37	23.5	2
5	16QAM	12	7	22.33	22.41	22.20		
5	16QAM	12	13	22.28	22.34	22.33		
5	16QAM	25	0	22.41	22.39	22.31		
5	64QAM	1	0	22.35	22.44	22.25	23.5	2
5	64QAM	1	12	22.25	22.39	22.24		
5	64QAM	1	24	22.38	22.41	22.33		
5	64QAM	12	0	21.25	21.41	21.26	22.5	3
5	64QAM	12	7	21.28	21.34	21.28		
5	64QAM	12	13	21.37	21.40	21.25		
5	64QAM	25	0	21.36	21.40	21.27		
5	256QAM	1	0	19.39	19.38	19.20	20.5	5
5	256QAM	1	12	19.35	19.38	19.33		
5	256QAM	1	24	19.30	19.40	19.22		
5	256QAM	12	0	19.25	19.36	19.28	20.5	5
5	256QAM	12	7	19.44	19.39	19.36		
5	256QAM	12	13	19.42	19.41	19.30		
5	256QAM	25	0	19.34	19.30	19.25		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66		
15	QPSK	1	37	24.64	24.67	24.61	25.5	0
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.67	23.61		
15	QPSK	36	20	23.60	23.62	23.60	24.5	1
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87		
15	16QAM	1	37	23.79	23.87	23.91	24.5	1
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74		
15	16QAM	36	20	22.57	22.59	22.68	23.5	2
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79		
15	64QAM	1	37	22.74	22.78	22.83	23.5	2
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72		
15	64QAM	36	20	21.56	21.57	21.69	22.5	3
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.52	21.52	21.70		
15	256QAM	1	0	19.60	19.62	19.66		
15	256QAM	1	37	19.52	19.58	19.49	20.5	5
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.58	19.57	19.58		
15	256QAM	36	20	19.51	19.57	19.54	20.5	5
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.63	24.58	24.56		
10	QPSK	1	25	24.52	24.65	24.50	25.5	0
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.62	23.56		
10	QPSK	25	12	23.51	23.58	23.57	24.5	1
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.66	23.72	23.81		
10	16QAM	1	25	23.71	23.84	23.85	24.5	1
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65		
10	16QAM	25	12	22.52	22.48	22.58	23.5	2
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77		
10	64QAM	1	25	22.66	22.72	22.78	23.5	2
10	64QAM	1	49	22.64	22.72	22.78		
10	64QAM	25	0	21.47	21.47	21.70		
10	64QAM	25	12	21.49	21.47	21.58	22.5	3
10	64QAM	25	25	21.55	21.54	21.59		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52		
10	256QAM	1	25	19.43	19.49	19.48	20.5	5
10	256QAM	1	49	19.55	19.55	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47	20.5	5
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59		
5	QPSK	1	12	24.54	24.57	24.52	25.5	0
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.53	23.57		
5	QPSK	12	7	23.57	23.53	23.56	24.5	1
5	QPSK	12	13	23.50	23.44	23.46		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84		
5	16QAM	1	12	23.71	23.85	23.81	24.5	1
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72		
5	16QAM	12	7	22.47	22.50	22.57	23.5	2
5	16QAM	12	13	22.46	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.62	22.63	22.67		
5	64QAM	1	12	22.67	22.67	22.80	23.5	2
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69		
5	64QAM	12	7	21.52	21.46	21.57	22.5	3
5	64QAM	12	13	21.54	21.50	21.52		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59		
5	256QAM	1	12	19.51	19.49	19.39	20.5	5
5	256QAM	1	24	19.53	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49		
5	256QAM	12	7	19.49	19.50	19.49	20.5	5
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.46	19.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56		
3	QPSK	1	8	24.62	24.55	24.59	25.5	0
3	QPSK	1	14	24.46	24.54	24.59		
3	QPSK	8	0	23.55	23.56	23.60		
3	QPSK	8	4	23.50	23.53	23.52	24.5	1
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.62	23.46	23.46		
3	16QAM	1	0	23.68	23.70	23.83		
3	16QAM	1	8	23.69	23.82	23.82	24.5	1
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68		
3	16QAM	8	4	22.53	22.51	22.62	23.5	2
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	16QAM	15	7	22.62	22.70	22.71		
3	64QAM	1	8	22.66	22.71	22.82	23.5	2
3	64QAM	1	14	22.65	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71		
3	64QAM	8	4	21.51	21.53	21.58	22.5	3
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52		
3	256QAM	1	8	19.49	19.53	19.40	20.5	5
3	256QAM	1	14	19.59	19.58	19.59		
3	256QAM	8	0	19.42	19.45	19.51		
3	256QAM	8	4	19.46	19.47	19.51	20.5	5
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63		
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.49	24.61	24.53	25.5	0
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.46	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81		
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86	24.5	1
1.4	16QAM	3	0	23.65	23.69	23.76		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.68	22.68	22.83		
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71	23.5	2
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.68		
1.4	64QAM	3	3	22.67	22.66	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53		
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50	20.5	5
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.46	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.71	23.82	23.78		
15	QPSK	1	37	23.68	23.75	23.76	25.5	0
15	QPSK	1	74	23.64	23.71	23.71		
15	QPSK	36	0	22.65	22.81	22.78		
15	QPSK	36	20	22.56	22.67	22.71	24.5	1
15	QPSK	36	39	22.59	22.73	22.69		
15	QPSK	75	0	22.62	22.74	22.70		
15	16QAM	1	0	22.79	22.89	22.99		
15	16QAM	1	37	22.86	22.96	23.01	24.5	1
15	16QAM	1	74	22.90	22.97	23.00		
15	16QAM	36	0	21.58	21.64	21.80		
15	16QAM	36	20	21.63	21.67	21.76	23.5	2
15	16QAM	36	39	21.59	21.69	21.72		
15	16QAM	75	0	21.58	21.68	21.76		
15	64QAM	1	0	21.66	21.74	21.83		
15	64QAM	1	37	21.76	21.86	21.89	23.5	2
15	64QAM	1	74	21.77	21.86	21.88		
15	64QAM	36	0	20.55	20.66	20.72		
15	64QAM	36	20	20.62	20.65	20.76	22.5	3
15	64QAM	36	39	20.64	20.71	20.69		
15	64QAM	75	0	20.55	20.66	20.73		
15	256QAM	1	0	18.68	18.74	18.65		
15	256QAM	1	37	18.70	18.75	18.72	20.5	5
15	256QAM	1	74	18.68	18.75	18.64		
15	256QAM	36	0	18.59	18.69	18.69		
15	256QAM	36	20	18.52	18.62	18.58	20.5	5
15	256QAM	36	39	18.51	18.60	18.53		
15	256QAM	75	0	18.53	18.62	18.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.70	23.75	23.66		
10	QPSK	1	25	23.56	23.66	23.74	25.5	0
10	QPSK	1	49	23.54	23.69	23.62		
10	QPSK	25	0	22.58	22.72	22.75		
10	QPSK	25	12	22.87	22.58	22.59	24.5	1
10	QPSK	25	25	22.53	22.63	22.66		
10	QPSK	50	0	22.56	22.72	22.63		
10	16QAM	1	0	22.68	22.73	22.92		
10	16QAM	1	25	22.76	22.91	22.96	24.5	1
10	16QAM	1	49	22.81	22.85	22.97		
10	16QAM	25	0	21.53	21.60	21.77		
10	16QAM	25	12	21.62	21.59	21.74	23.5	2
10	16QAM	25	25	21.57	21.65	21.69		
10	16QAM	50	0	21.86	21.65	21.71		
10	64QAM	1	0	21.64	21.64	21.78		
10	64QAM	1	25	21.88	21.74	21.77	23.5	2
10	64QAM	1	49	21.68	21.81	21.81		
10	64QAM	25	0	20.86	20.59	20.61		
10	64QAM	25	12	20.50	20.58	20.71	22.5	3
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.86	20.57	20.65		
10	256QAM	1	0	18.65	18.64	18.55		
10	256QAM	1	25	18.60	18.69	18.60	20.5	5
10	256QAM	1	49	18.63	18.64	18.59		
10	256QAM	25	0	18.56	18.57	18.62		
10	256QAM	25	12	18.83	18.56	18.52	20.5	5
10	256QAM	25	25	18.85	18.88	18.50		
10	256QAM	50	0	18.87	18.55	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.69	23.71	23.67		
5	QPSK	1	12	23.63	23.67	23.71	25.5	0
5	QPSK	1	24	23.58	23.64	23.60		
5	QPSK	12	0	22.61	22.77	22.66		
5	QPSK	12	7	22.85	22.81	22.69	24.5	1
5	QPSK	12	13	22.88	22.70	22.63		
5	QPSK	25	0	22.56	22.62	22.68		
5	16QAM	1	0	22.72	22.77	22.96		
5	16QAM	1	12	22.75	22.86	23.00	24.5	1
5	16QAM	1	24	22.81	22.94	22.96		
5	16QAM	12	0	21.50	21.55	21.69		
5	16QAM	12	7	21.56	21.60	21.72	23.5	2
5	16QAM	12	13	21.87	21.67	21.62		
5	16QAM	25	0	21.53	21.62	21.73		
5	64QAM	1	0	21.64	21.72	21.71		
5	64QAM	1	12	21.72	21.84	21.87	23.5	2
5	64QAM	1	24	21.69	21.85	21.83		
5	64QAM	12	0	20.50	20.59	20.61		
5	64QAM	12	7	20.57	20.59	20.75	22.5	3
5	64QAM	12	13	20.57	20.68	20.62		
5	64QAM	25	0	20.84	20.57	20.61		
5	256QAM	1	0	18.65	18.73	18.53		
5	256QAM	1	12	18.65	18.69	18.66	20.5	5
5	256QAM	1	24	18.60	18.74	18.74		
5	256QAM	12	0	18.87	18.60	18.57		
5	256QAM	12	7	18.51	18.58	18.86	20.5	5
5	256QAM	12	13	18.89	18.59	18.84		
5	256QAM	25	0	18.83	18.59	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.64	23.73	23.68		
3	QPSK	1	8	23.66	23.66	23.64	25.5	0
3	QPSK	1	14	23.55	23.61	23.67		
3	QPSK	8	0	22.63	22.78	22.74		
3	QPSK	8	4	22.54	22.64	22.63	24.5	1
3	QPSK	8	7	22.52	22.70	22.58		
3	QPSK	15	0	22.60	22.74	22.61		
3	16QAM	1	0	22.67	22.77	22.95		
3	16QAM	1	8	22.83	22.95	22.95	24.5	1
3	16QAM	1	14	22.85	22.96	22.99		
3	16QAM	8	0	21.50	21.62	21.77		
3	16QAM	8	4	21.61	21.62	21.72	23.5	2
3	16QAM	8	7	21.55	21.66	21.61		
3	16QAM	15	0	21.50	21.58	21.65		
3	64QAM	1	0	21.64	21.73	21.79		
3	64QAM	1	8	21.74	21.78	21.82	23.5	2
3	64QAM	1	14	21.67	21.74	21.83		
3	64QAM	8	0	20.88	20.61	20.65		
3	64QAM	8	4	20.56	20.58	20.65	22.5	3
3	64QAM	8	7	20.60	20.63	20.66		
3	64QAM	15	0	20.53	20.58	20.72		
3	256QAM	1	0	18.59	18.62	18.56		
3	256QAM	1	8	18.67	18.63	18.69	20.5	5
3	256QAM	1	14	18.67	18.61	18.67		
3	256QAM	8	0	18.54	18.63	18.67		
3	256QAM	8	4	18.84	18.61	18.57	20.5	5
3	256QAM	8	7	18.80	18.57	18.52		
3	256QAM	15	0	18.86	18.59	18.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.66	23.71	23.71		
1.4	QPSK	1	3	23.59	23.64	23.66		
1.4	QPSK	1	5	23.37	23.58	23.53	25.5	0
1.4	QPSK	3	0	23.65	23.70	23.68		
1.4	QPSK	3	1	23.56	23.53	23.65		
1.4	QPSK	3	3	23.51	23.56	23.55		
1.4	QPSK	6	0	22.50	22.75	22.65	24.5	1
1.4	16QAM	1	0	22.72	22.82	22.91		
1.4	16QAM	1	3	22.80	22.90	22.93		
1.4	16QAM	1	5	22.83	22.91	22.91	24.5	1
1.4	16QAM	3	0	22.62	22.72	22.81		
1.4	16QAM	3	1	22.75	22.86	22.92		
1.4	16QAM	3	3	22.73	22.81	22.86		
1.4	16QAM	6	0	21.56	21.64	21.66	23.5	2
1.4	64QAM	1	0	21.83	21.83	21.89		
1.4	64QAM	1	3	21.73	21.79	21.78		
1.4	64QAM	1	5	21.72	21.83	21.81	23.5	2
1.4	64QAM	3	0	21.55	21.64	21.70		
1.4	64QAM	3	1	21.71	21.77	21.72		
1.4	64QAM	3	3	21.69	21.80	21.71		
1.4	64QAM	6	0	20.51	20.57	20.71	22.5	3
1.4	256QAM	1	0	18.62	18.69	18.60		
1.4	256QAM	1	3	18.64	18.65	18.64		
1.4	256QAM	1	5	18.56	18.65	18.58	20.5	5
1.4	256QAM	3	0	18.51	18.60	18.59		
1.4	256QAM	3	1	18.50	18.54	18.88		
1.4	256QAM	3	3	18.83	18.89	18.83		
1.4	256QAM	6	0	18.87	18.54	18.81	20.5	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.54	22.71	22.68		
20	QPSK	1	49	22.47	22.64	22.66	24	0
20	QPSK	1	99	22.53	22.63	22.53		
20	QPSK	50	0	21.53	21.74	21.66		
20	QPSK	50	24	21.53	21.65	21.61	23	1
20	QPSK	50	50	21.48	21.64	21.61		
20	QPSK	100	0	21.51	21.67	21.65		
20	16QAM	1	0	21.68	21.55	21.95		
20	16QAM	1	49	21.79	21.88	21.89	23	1
20	16QAM	1	99	21.77	21.80	21.75		
20	16QAM	50	0	20.51	20.62	20.75		
20	16QAM	50	24	20.55	20.62	20.65	22	2
20	16QAM	50	50	20.64	20.61	20.58		
20	16QAM	100	0	20.54	20.62	20.63		
20	64QAM	1	0	20.57	20.76	20.79		
20	64QAM	1	49	20.67	20.72	20.73	22	2
20	64QAM	1	99	20.61	20.66	20.58		
20	64QAM	50	0	19.48	19.67	19.80		
20	64QAM	50	24	19.52	19.68	19.65	21	3
20	64QAM	50	50	19.60	19.64	19.62		
20	64QAM	100	0	19.54	19.66	19.68		
20	256QAM	1	0	17.37	17.47	17.38		
20	256QAM	1	49	17.46	17.54	17.49	19	5
20	256QAM	1	99	17.48	17.51	17.47		
20	256QAM	50	0	17.38	17.46	17.37		
20	256QAM	50	24	17.37	17.48	17.36	19	5
20	256QAM	50	50	17.34	17.46	17.44		
20	256QAM	100	0	17.25	17.38	17.26		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.52	22.59	22.59		
15	QPSK	1	37	22.41	22.62	22.59	24	0
15	QPSK	1	74	22.47	22.56	22.46		
15	QPSK	36	0	21.58	21.72	21.70		
15	QPSK	36	20	21.59	21.54	21.57	23	1
15	QPSK	36	39	21.46	21.60	21.50		
15	QPSK	75	0	21.45	21.55	21.53		
15	16QAM	1	0	21.83	21.82	21.94		
15	16QAM	1	37	21.75	21.78	21.82	23	1
15	16QAM	1	74	21.76	21.76	21.67		
15	16QAM	36	0	20.47	20.54	20.69		
15	16QAM	36	20	20.44	20.63	20.63	22	2
15	16QAM	36	39	20.59	20.59	20.54		
15	16QAM	75	0	20.47	20.60	20.58		
15	64QAM	1	0	20.55	20.71	20.68		
15	64QAM	1	37	20.65	20.82	20.64	22	2
15	64QAM	1	74	20.58	20.59	20.49		
15	64QAM	36	0	19.38	19.60	19.71		
15	64QAM	36	20	19.46	19.59	19.61	21	3
15	64QAM	36	39	19.51	19.55	19.56		
15	64QAM	75	0	19.48	19.62	19.58		
15	256QAM	1	0	17.30	17.43	17.33		
15	256QAM	1	37	17.44	17.50	17.42	19	5
15	256QAM	1	74	17.47	17.43	17.43		
15	256QAM	36	0	17.32	17.40	17.29		
15	256QAM	36	20	17.34	17.46	17.35	19	5
15	256QAM	36	39	17.26	17.36	17.32		
15	256QAM	75	0	17.28	17.35	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.82	22.67	22.60		
10	QPSK	1	25	22.47	22.63	22.66	24	0
10	QPSK	1	49	22.51	22.66	22.55		
10	QPSK	25	0	21.58	21.70	21.70		
10	QPSK	25	12	21.51	21.57	21.64	23	1
10	QPSK	25	25	21.58	21.64	21.54		
10	QPSK	50	0	21.57	21.61	21.65		
10	16QAM	1	0	21.75	21.84	22.04		
10	16QAM	1	25	21.78	21.81	21.84	23	1
10	16QAM	1	49	21.81	21.81	21.69		
10	16QAM	25	0	20.57	20.64

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11		
20	QPSK	1	49	21.91	22.12	22.08	23.5	0
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15		
20	QPSK	50	24	20.88	21.11	21.14	22.5	1
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40		
20	16QAM	1	49	21.15	21.34	21.35	22.5	1
20	16QAM	1	99	21.19	21.20	21.26		
20	16QAM	50	0	19.87	20.07	20.23		
20	16QAM	50	24	19.89	20.13	20.22	21.5	2
20	16QAM	50	50	20.04	20.11	20.11		
20	16QAM	100	0	19.90	20.09	20.15		
20	64QAM	1	0	19.92	20.18	20.30		
20	64QAM	1	49	20.02	20.22	20.25	21.5	2
20	64QAM	1	99	20.03	20.14	20.10		
20	64QAM	50	0	18.88	19.10	19.28		
20	64QAM	50	24	18.93	19.16	19.23	20.5	3
20	64QAM	50	50	18.99	19.12	19.12		
20	64QAM	100	0	18.89	19.13	19.17		
20	256QAM	1	0	17.17	17.22	17.14		
20	256QAM	1	49	17.16	17.23	17.21	18.5	5
20	256QAM	1	99	17.30	17.33	17.25		
20	256QAM	50	0	17.10	17.18	17.15		
20	256QAM	50	24	17.12	17.18	17.11	18.5	5
20	256QAM	50	50	17.07	17.15	17.12		
20	256QAM	100	0	17.00	17.12	17.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.85	22.13	22.06		
15	QPSK	1	37	21.86	22.02	21.96	23.5	0
15	QPSK	1	74	21.69	21.98	21.93		
15	QPSK	36	0	20.98	21.13	21.13		
15	QPSK	36	20	20.76	21.03	21.05	22.5	1
15	QPSK	36	39	20.79	20.97	21.12		
15	QPSK	75	0	20.84	21.07	21.08		
15	16QAM	1	0	20.90	21.32	21.29		
15	16QAM	1	37	21.12	21.26	21.28	22.5	1
15	16QAM	1	74	21.12	21.09	21.24		
15	16QAM	36	0	19.75	19.98	20.19		
15	16QAM	36	20	19.82	20.11	20.16	21.5	2
15	16QAM	36	39	19.98	20.04	20.00		
15	16QAM	75	0	19.87	20.05	20.07		
15	64QAM	1	0	19.90	20.17	20.28		
15	64QAM	1	37	19.97	20.20	20.19	21.5	2
15	64QAM	1	74	19.99	20.13	20.06		
15	64QAM	36	0	18.86	19.01	19.16		
15	64QAM	36	20	18.81	19.15	19.20	20.5	3
15	64QAM	36	39	18.88	19.04	19.02		
15	64QAM	75	0	18.78	19.06	19.08		
15	256QAM	1	0	17.21	17.14	17.11		
15	256QAM	1	37	17.17	17.19	17.22	18.5	5
15	256QAM	1	74	17.31	17.26	17.27		
15	256QAM	36	0	17.06	17.07	17.11		
15	256QAM	36	20	17.16	17.12	17.17		
15	256QAM	36	39	17.03	17.04	17.13	18.5	5
15	256QAM	75	0	17.11	17.11	17.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.91	22.08	22.06		
10	QPSK	1	25	21.84	22.02	22.00	23.5	0
10	QPSK	1	49	21.77	21.95	21.97		
10	QPSK	25	0	20.93	21.16	21.08		
10	QPSK	25	12	20.80	21.08	21.05	22.5	1
10	QPSK	25	25	20.86	21.06	21.04		
10	QPSK	50	0	20.76	21.13	21.10		
10	16QAM	1	0	20.96	21.35	21.39		
10	16QAM	1	25	21.03	21.26	21.30	22.5	1
10	16QAM	1	49	21.10	21.08	21.19		
10	16QAM	25	0	19.82	19.96	20.13		
10	16QAM	25	12	19.87	20.08	20.10	21.5	2
10	16QAM	25	25	20.03	20.05	20.07		
10	16QAM	50	0	19.87	20.00	20.03		
10	64QAM	1	0	19.89	20.15	20.23		
10	64QAM	1	25	19.91	20.21	20.16	21.5	2
10	64QAM	1	49	19.91	20.11	20.02		
10	64QAM	25	0	18.85	19.03	19.19		
10	64QAM	25	12	18.84	19.07	19.12	20.5	3
10	64QAM	25	25	18.98	19.07	19.10		
10	64QAM	50	0	18.85	19.05	19.13		
10	256QAM	1	0	17.12	17.21	17.11		
10	256QAM	1	25	17.13	17.16	17.14	18.5	5
10	256QAM	1	49	17.30	17.23	17.32		
10	256QAM	25	0	17.16	17.09	17.17		
10	256QAM	25	12	17.08	17.09	17.08	18.5	5
10	256QAM	25	25	17.14	17.09	17.04		
10	256QAM	50	0	17.01	17.00	17.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.84	22.08	22.06		
5	QPSK	1	12	21.81	22.03	22.02	23.5	0
5	QPSK	1	24	21.77	21.98	21.92		
5	QPSK	12	0	21.00	21.13	21.07		
5	QPSK	12	7	20.77	21.03	21.11	22.5	1
5	QPSK	12	13	20.86	21.06	21.06		
5	QPSK	25	0	20.83	21.06	21.04		
5	16QAM	1	0	20.98	21.32	21.37		
5	16QAM	1	12	21.14	21.26	21.33	22.5	1
5	16QAM	1	24	21.08	21.17	21.20		
5	16QAM	12	0	19.79	19.97	20.21		
5	16QAM	12	7	19.78	20.05	20.10	21.5	2
5	16QAM	12	13	19.97	20.02	20.03		
5	16QAM	25	0	19.83	20.04	20.13		
5	64QAM	1	0	19.81	20.11	20.25		
5	64QAM	1	12	19.94	20.15	20.21	21.5	2
5	64QAM	1	24	19.97	20.02	20.06		
5	64QAM	12	0	18.80	19.00	19.23		
5	64QAM	12	7	18.85	19.04	19.13	20.5	3
5	64QAM	12	13	18.89	19.06	19.02		
5	64QAM	25	0	18.88	19.07	19.15		
5	256QAM	1	0	17.12	17.12	17.21		
5	256QAM	1	12	17.13	17.19	17.11	18.5	5
5	256QAM	1	24	17.32	17.23	17.23		
5	256QAM	12	0	17.07	17.09	17.13		
5	256QAM	12	7	17.15	17.09	17.17	18.5	5
5	256QAM	12	13	17.09	17.06	17.08		
5	256QAM	25	0	17.04	17.03	17.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.93	22.03	22.03		
3	QPSK	1	8	21.87	22.08	21.96	23.5	0
3	QPSK	1	14	21.70	22.00	21.93		
3	QPSK	8	0	20.95	21.23	21.13		
3	QPSK	8	4	20.81	21.02	21.12	22.5	1
3	QPSK	8	7	20.87	21.06	21.04		
3	QPSK	15	0	20.81	21.08	21.10		
3	16QAM	1	0	20.93	21.32	21.35		
3	16QAM	1	8	21.10	21.24	21.23	22.5	1
3	16QAM	1	14	21.12	21.15	21.20		
3	16QAM	8	0	19.76	20.06	20.21		
3	16QAM	8	4	19.77	20.06	20.16	21.5	2
3	16QAM	8	7	19.92	20.01	20.10		
3	16QAM	15	0	19.79	19.98	20.04		
3	64QAM	1	0	19.80	20.12	20.23		
3	64QAM	1	8	19.93	20.12	20.18	21.5	2
3	64QAM	1	14	19.93	20.03	19.98		
3	64QAM	8	0	18.76	19.06	19.17		
3	64QAM	8	4	18.83	19.06	19.16	20.5	3
3	64QAM	8	7	18.92	19.07	19.04		
3	64QAM	15	0	18.87	19.10	19.16		
3	256QAM	1	0	17.13	17.15	17.12		
3	256QAM	1	8	17.17	17.21	17.13	18.5	5
3	256QAM	1	14	17.27	17.27	17.23		
3	256QAM	8	0	17.16	17.14	17.07		
3	256QAM	8	4	17.06	17.07	17.16	18.5	5
3	256QAM	8	7	17.13	17.11	17.13		
3	256QAM	15	0	17.11	17.00	17.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.90	22.04	22.00		
1.4	QPSK	1	3	21.83	22.11	22.05		
1.4	QPSK	1	5	21.69	21.98	21.94	23.5	0
1.4	QPSK	3	0	21.81	22.01	21.94		
1.4	QPSK	3	1	21.79	22.03	21.96		
1.4	QPSK	3	3	21.58	21.95	21.85		
1.4	QPSK	6	0	20.85	21.06	21.04	22.5	1
1.4	16QAM	1	0	21.00	21.35	21.30		
1.4	16QAM	1	3	21.07	21.25	21.28		
1.4	16QAM	1	5	21.18	21.15	21.24	22.5	1
1.4	16QAM	3	0	20.98	21.24	21.29		
1.4	16QAM	3	1	21.00	21.21	21.21		
1.4	16QAM	3	3	21.09	21.05	21.17		
1.4	16QAM	6	0	19.82	20.01	20.04	21.5	2
1.4	64QAM	1	0	19.84	20.13	20.25		
1.4	64QAM	1	3	20.01	20.18	20.19		
1.4	64QAM	1	5	19.92	20.12	20.00	21.5	2
1.4	64QAM	3	0	19.80	20.10	20.15		
1.4	64QAM	3	1	19.89	20.14	20.17		
1.4	64QAM	3	3	19.91	20.07	19.94		
1.4	64QAM	6	0	18.88	19.08	19.05	20.5	3
1.4	256QAM	1	0	17.17	17.16	17.17		
1.4	256QAM	1	3	17.11	17.15	17.18		
1.4	256QAM	1	5	17.28	17.31	17.30	18.5	5
1.4	256QAM	3	0	17.09	17.11	17.11		
1.4	256QAM	3	1	17.16	17.08	17.11		
1.4	256QAM	3	3	17.14	17.08	17.04		
1.4	256QAM	6	0	17.10	17.05	17.07	18.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.67	23.80	23.77		
20	QPSK	1	49	23.64	23.78	23.76	24.5	0
20	QPSK	1	99	23.66	23.74	23.70		
20	QPSK	50	0	22.76	22.86	22.80		
20	QPSK	50	24	22.67	22.77	22.75	23.5	1
20	QPSK	50	50	22.66	22.72	22.77		
20	QPSK	100	0	22.66	22.81	22.80		
20	16QAM	1	0	22.80	23.01	23.07		
20	16QAM	1	49	22.94	22.95	23.02	23.5	1
20	16QAM	1	99	22.88	22.88	22.90		
20	16QAM	50	0	21.69	21.73	21.86		
20	16QAM	50	24	21.69	21.77	21.79	22.5	2
20	16QAM	50	50	21.74	21.71	21.74		
20	16QAM	100	0	21.69	21.74	21.79		
20	64QAM	1	0	21.74	21.85	21.91		
20	64QAM	1	49	21.78	21.85	21.88	22.5	2
20	64QAM	1	99	21.73	21.77	21.74		
20	64QAM	50	0	20.63	20.75	20.91		
20	64QAM	50	24	20.65	20.79	20.85	21.5	3
20	64QAM	50	50	20.75	20.74	20.80		
20	64QAM	100	0	20.66	20.76	20.83		
20	256QAM	1	0	18.52	18.56	18.46		
20	256QAM	1	49	18.48	18.55	18.52	19.5	5
20	256QAM	1	99	18.47	18.54	18.43		
20	256QAM	50	0	18.46	18.49	18.43		
20	256QAM	50	24	18.45	18.49	18.47	19.5	5
20	256QAM	50	50	18.34	18.45	18.37		
20	256QAM	100	0	18.34	18.43	18.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.69	23.65		
15	QPSK	1	37	23.62	23.72	23.68	24.5	0
15	QPSK	1	74	23.62	23.69	23.69		
15	QPSK	36	0	22.75	22.81	22.74		
15	QPSK	36	20	22.61	22.68	22.64	23.5	1
15	QPSK	36	39	22.65	22.61	22.70		
15	QPSK	75	0	22.61	22.80	22.73		
15	16QAM	1	0	22.68	22.97	22.99		
15	16QAM	1	37	22.87	22.90	22.98	23.5	1
15	16QAM	1	74	22.82	22.82	22.80		
15	16QAM	36	0	21.59	21.72	21.83		
15	16QAM	36	20	21.66	21.66	21.69	22.5	2
15	16QAM	36	39	21.70	21.67	21.72		
15	16QAM	75	0	21.64	21.70	21.77		
15	64QAM	1	0	21.70	21.81	21.80		
15	64QAM	1	37	21.72	21.77	21.83	22.5	2
15	64QAM	1	74	21.68	21.74	21.67		
15	64QAM	36	0	20.54	20.72	20.88		
15	64QAM	36	20	20.59	20.73	20.74	21.5	3
15	64QAM	36	39	20.70	20.72	20.75		
15	64QAM	75	0	20.63	20.69	20.72		
15	256QAM	1	0	18.51	18.52	18.51		
15	256QAM	1	37	18.44	18.54	18.51	19.5	5
15	256QAM	1	74	18.50	18.53	18.47		
15	256QAM	36	0	18.38	18.45	18.38		
15	256QAM	36	20	18.43	18.39	18.37		
15	256QAM	36	39	18.44	18.37	18.39	19.5	5
15	256QAM	75	0	18.33	18.42	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.58	23.69	23.66		
10	QPSK	1	25	23.55	23.77	23.64	24.5	0
10	QPSK	1	49	23.62	23.72	23.58		
10	QPSK	25	0	22.73	22.76	22.72		
10	QPSK	25	12	22.62	22.70	22.64	23.5	1
10	QPSK	25	25	22.59	22.64	22.71		
10	QPSK	50	0	22.62	22.72	22.75		
10	16QAM	1	0	22.70	22.95	23.04		
10	16QAM	1	25	22.82	22.93	22.93	23.5	1
10	16QAM	1	49	22.86	22.81	22.79		
10	16QAM	25	0	21.62	21.62	21.79		
10	16QAM	25	12	21.65	21.74	21.67	22.5	2
10	16QAM	25	25	21.70	21.59	21.62		
10	16QAM	50	0	21.63	21.64	21.67		
10	64QAM	1	0	21.73	21.82	21.85		
10	64QAM	1	25	21.77	21.73	21.82	22.5	2
10	64QAM	1	49	21.83	21.74	21.68		
10	64QAM	25	0	20.57	20.65	20.90		
10	64QAM	25	12	20.56	20.72	20.78	21.5	3
10	64QAM	25	25	20.70	20.66	20.75		
10	64QAM	50	0	20.61	20.73	20.82		
10	256QAM	1	0	18.48	18.54	18.52		
10	256QAM	1	25	18.43	18.43	18.52	19.5	5
10	256QAM	1	49	18.49	18.47	18.48		
10	256QAM	25	0	18.38	18.38	18.44		
10	256QAM	25	12	18.47	18.44	18.48	19.5	5
10	256QAM	25	25	18.42	18.34	18.36		
10	256QAM	50	0	18.34	18.34	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.65	23.68	23.76		
5	QPSK	1	12	23.61	23.70	23.69	24.5	0
5	QPSK	1	24	23.65	23.71	23.61		
5	QPSK	12	0	22.67	22.81	22.74		
5	QPSK	12	7	22.58	22.71	22.64	23.5	1
5	QPSK	12	13	22.55	22.65	22.74		
5	QPSK	25	0	22.55	22.76	22.69		
5	16QAM	1	0	22.74	22.97	22.96		
5	16QAM	1	12	22.92	22.93	22.90	23.5	1
5	16QAM	1	24	22.78	22.80	22.78		
5	16QAM	12	0	21.57	21.72	21.78		
5	16QAM	12	7	21.65	21.70	21.70	22.5	2
5	16QAM	12	13	21.73	21.66	21.69		
5	16QAM	25	0	21.67	21.67	21.68		
5	64QAM	1	0	21.68	21.79	21.89		
5	64QAM	1	12	21.75	21.82	21.78	22.5	2
5	64QAM	1	24	21.64	21.74	21.69		
5	64QAM	12	0	20.51	20.66	20.79		
5	64QAM	12	7	20.59	20.76	20.79	21.5	3
5	64QAM	12	13	20.63	20.73	20.72		
5	64QAM	25	0	20.64	20.65	20.78		
5	256QAM	1	0	18.55	18.46	18.52		
5	256QAM	1	12	18.48	18.44	18.50	19.5	5
5	256QAM	1	24	18.48	18.46	18.44		
5	256QAM	12	0	18.43	18.43	18.45		
5	256QAM	12	7	18.47	18.38	18.39	19.5	5
5	256QAM	12	13	18.33	18.40	18.42		
5	256QAM	25	0	18.34	18.39	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.63	23.71	23.75		
3	QPSK	1	8	23.61	23.68	23.70	24.5	0
3	QPSK	1	14	23.62	23.64	23.67		
3	QPSK	8	0	22.74	22.85	22.73		
3	QPSK	8	4	22.58	22.75	22.72	23.5	1
3	QPSK	8	7	22.63	22.68	22.70		
3	QPSK	15	0	22.55	22.71	22.76		
3	16QAM	1	0	22.74	22.89	22.96		
3	16QAM	1	8	22.85	22.94	22.98	23.5	1
3	16QAM	1	14	22.86	22.80	22.84		
3	16QAM	8	0	21.64	21.84	21.79		
3	16QAM	8	4	21.61	21.75	21.71	22.5	2
3	16QAM	8	7	21.65	21.65	21.65		
3	16QAM	15	0	21.64	21.73	21.76		
3	64QAM	1	0	21.73	21.77	21.80		
3	64QAM	1	8	21.68	21.75	21.83	22.5	2
3	64QAM	1	14	21.63	21.71	21.65		
3	64QAM	8	0	20.53	20.67	20.88		
3	64QAM	8	4	20.59	20.73	20.76	21.5	3
3	64QAM	8	7	20.71	20.64	20.79		
3	64QAM	15	0	20.54	20.68	20.81		
3	256QAM	1	0	18.54	18.55	18.54		
3	256QAM	1	8	18.50	18.46	18.52	19.5	5
3	256QAM	1	14	18.44	18.43	18.52		
3	256QAM	8	0	18.46	18.38	18.43		
3	256QAM	8	4	18.42	18.39	18.38	19.5	5
3	256QAM	8	7	18.35	18.33	18.42		
3	256QAM	15	0	18.32	18.36	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.72	23.66		
1.4	QPSK	1	3	23.56	23.76	23.69		
1.4	QPSK	1	5	23.54	23.68	23.66	24.5	0
1.4	QPSK	3	0	23.60	23.69	23.57		
1.4	QPSK	3	1	23.45	23.74	23.59		
1.4	QPSK	3	3	23.51	23.66	23.54		
1.4	QPSK	6	0	22.60	22.69	22.68	23.5	1
1.4	16QAM	1	0	22.78	22.98	22.96		
1.4	16QAM	1	3	22.86	22.83	22.98		
1.4	16QAM	1	5	22.82	22.81	22.78	23.5	1
1.4	16QAM	3	0	22.72	22.89	22.85		
1.4	16QAM	3	1	22.85	22.75	22.94		
1.4	16QAM	3	3	22.77	22.72	22.67		
1.4	16QAM	6	0	21.68	21.68	21.75	22.5	2
1.4	64QAM	1	0	21.64	21.76	21.90		
1.4	64QAM	1	3	21.71	21.80	21.77		
1.4	64QAM	1	5	21.70	21.75	21.64	22.5	2
1.4	64QAM	3	0	21.63	21.65	21.83		
1.4	64QAM	3	1	21.68	21.77	21.74		
1.4	64QAM	3	3	21.63	21.63	21.52		
1.4	64QAM	6	0	20.54	20.71	20.77	21.5	3
1.4	256QAM	1	0	18.49	18.49	18.45		
1.4	256QAM	1	3	18.48	18.43	18.47		
1.4	256QAM	1	5	18.53	18.42	18.47	19.5	5
1.4	256QAM	3	0	18.38	18.47	18.48		
1.4	256QAM	3	1	18.47	18.48	18.39		
1.4	256QAM	3	3	18.36	18.43	18.37		
1.4	256QAM	6	0	18.34	18.37	18.39	19.5	5

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.61	23.63	23.60	24.5	0
20	QPSK	1	49	23.58	23.61	23.59		
20	QPSK	1	99	23.58	23.59	23.56		
20	QPSK	50	0	22.84	22.88	22.77	23.5	1
20	QPSK	50	24	22.83	22.78	22.73		
20	QPSK	50	50	22.81	22.79	22.71		
20	QPSK	100	0	22.75	22.85	22.73		
20	16QAM	1	0	22.92	22.80	22.76	23.5	1
20	16QAM	1	49	22.91	22.83	22.80		
20	16QAM	1	99	22.92	22.81	22.87		
20	16QAM	50	0	21.99	21.77	21.73	22.5	2
20	16QAM	50	24	21.81	21.78	21.74		
20	16QAM	50	50	21.88	21.78	21.80		
20	16QAM	100	0	21.84	21.73	21.73		
20	64QAM	1	0	21.58	21.48	21.37	22.5	2
20	64QAM	1	49	21.56	21.45	21.37		
20	64QAM	1	99	21.56	21.46	21.46		
20	64QAM	50	0	20.85	20.72	20.70	21.5	3
20	64QAM	50	24	20.85	20.74	20.72		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.83	20.72	20.72		
20	256QAM	1	0	18.08	18.09	18.06	19.5	5
20	256QAM	1	49	17.93	18.05	17.95		
20	256QAM	1	99	18.08	18.09	18.05		
20	256QAM	50	0	17.98	18.03	17.99	19.5	5
20	256QAM	50	24	17.97	18.05	17.93		
20	256QAM	50	50	17.96	18.01	17.98		
20	256QAM	100	0	17.83	17.95	17.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.49	23.59	23.59	24.5	0
15	QPSK	1	37	23.52	23.58	23.51		
15	QPSK	1	74	23.52	23.51	23.51		
15	QPSK	36	0	22.76	22.83	22.74	23.5	1
15	QPSK	36	20	22.82	22.71	22.61		
15	QPSK	36	39	22.74	22.73	22.64		
15	QPSK	75	0	22.63	22.83	22.69		
15	16QAM	1	0	22.80	22.74	22.72	23.5	1
15	16QAM	1	37	22.80	22.82	22.79		
15	16QAM	1	74	22.85	22.72	22.82		
15	16QAM	36	0	21.77	21.73	21.62	22.5	2
15	16QAM	36	20	21.78	21.68	21.63		
15	16QAM	36	39	21.79	21.74	21.77		
15	16QAM	75	0	21.82	21.65	21.66		
15	64QAM	1	0	21.49	21.37	21.35	22.5	2
15	64QAM	1	37	21.56	21.38	21.36		
15	64QAM	1	74	21.49	21.39	21.47		
15	64QAM	36	0	20.77	20.63	20.63	21.5	3
15	64QAM	36	20	20.74	20.67	20.68		
15	64QAM	36	39	20.76	20.73	20.71		
15	64QAM	75	0	20.79	20.70	20.67		
15	256QAM	1	0	18.04	18.08	18.06	19.5	5
15	256QAM	1	37	17.92	18.00	17.92		
15	256QAM	1	74	17.98	18.08	17.95		
15	256QAM	36	0	17.89	18.02	17.93	19.5	5
15	256QAM	36	20	17.92	18.04	17.83		
15	256QAM	36	39	17.95	17.98	17.87		
15	256QAM	75	0	17.80	17.85	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.53	23.52	23.70	24.5	0
10	QPSK	1	25	23.46	23.52	23.55		
10	QPSK	1	49	23.51	23.58	23.45		
10	QPSK	25	0	22.72	22.78	22.66	23.5	1
10	QPSK	25	12	22.71	22.77	22.69		
10	QPSK	25	25	22.77	22.78	22.66		
10	QPSK	50	0	22.65	22.84	22.63		
10	16QAM	1	0	22.91	22.78	22.66	23.5	1
10	16QAM	1	25	22.83	22.77	22.68		
10	16QAM	1	49	22.89	22.69	22.75		
10	16QAM	25	0	21.85	21.66	21.64	22.5	2
10	16QAM	25	12	21.71	21.69	21.62		
10	16QAM	25	25	21.73	21.75	21.68		
10	16QAM	50	0	21.72	21.68	21.61		
10	64QAM	1	0	21.53	21.44	21.25	22.5	2
10	64QAM	1	25	21.53	21.42	21.25		
10	64QAM	1	49	21.51	21.36	21.37		
10	64QAM	25	0	20.74	20.65	20.64	21.5	3
10	64QAM	25	12	20.76	20.71	20.70		
10	64QAM	25	25	20.74	20.70	20.71		
10	64QAM	50	0	20.81	20.62	20.65		
10	256QAM	1	0	17.97	18.00	18.07	19.5	5
10	256QAM	1	25	17.91	18.00	17.89		
10	256QAM	1	49	17.98	17.98	17.99		
10	256QAM	25	0	17.95	18.00	17.91	19.5	5
10	256QAM	25	12	17.90	17.93	17.81		
10	256QAM	25	25	17.89	17.94	17.87		
10	256QAM	50	0	17.82	17.86	17.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.49	23.53	23.54	24.5	0
5	QPSK	1	12	23.46	23.55	23.52		
5	QPSK	1	24	23.55	23.55	23.51		
5	QPSK	12	0	22.79	22.87	22.72	23.5	1
5	QPSK	12	7	22.72	22.71	22.65		
5	QPSK	12	13	22.75	22.75	22.59		
5	QPSK	25	0	22.71	22.84	22.65		
5	16QAM	1	0	22.86	22.71	22.74	23.5	1
5	16QAM	1	12	22.87	22.71	22.78		
5	16QAM	1	24	22.90	22.69	22.76		
5	16QAM	12	0	21.81	21.74	21.65	22.5	2
5	16QAM	12	7	21.70	21.74	21.70		
5	16QAM	12	13	21.81	21.72	21.71		
5	16QAM	25	0	21.62	21.61	21.68		
5	64QAM	1	0	21.55	21.36	21.33	22.5	2
5	64QAM	1	12	21.49	21.39	21.36		
5	64QAM	1	24	21.44	21.36	21.36		
5	64QAM	12	0	20.83	20.64	20.65	21.5	3
5	64QAM	12	7	20.83	20.63	20.70		
5	64QAM	12	13	20.73	20.69	20.73		
5	64QAM	25	0	20.82	20.65	20.66		
5	256QAM	1	0	17.98	18.04	17.97	19.5	5
5	256QAM	1	12	17.87	17.96	17.94		
5	256QAM	1	24	17.97	18.04	17.99		
5	256QAM	12	0	17.87	17.92	17.97	19.5	5
5	256QAM	12	7	17.92	17.97	17.84		
5	256QAM	12	13	17.89	17.93	17.89		
5	256QAM	25	0	17.81	17.92	17.72		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.82	24.88	24.85	25.7	0
20	QPSK	1	49	24.80	24.79	24.71		
20	QPSK	1	99	24.80	24.80	24.84		
20	QPSK	50	0	24.11	24.12	23.95	24.7	1
20	QPSK	50	24	24.06	23.95	23.91		
20	QPSK	50	50	23.96	23.97	23.80		
20	QPSK	100	0	23.99	24.07	23.89		
20	16QAM	1	0	24.15	24.03	23.94	24.7	1
20	16QAM	1	49	24.14	24.00	23.96		
20	16QAM	1	99	24.11	23.99	24.05		
20	16QAM	50	0	23.12	22.93	22.86	23.7	2
20	16QAM	50	24	23.05	22.95	22.92		
20	16QAM	50	50	23.09	22.97	22.96		
20	16QAM	100	0	23.09	22.95	22.88		
20	64QAM	1	0	22.83	22.65	22.54	23.7	2
20	64QAM	1	49	22.81	22.65	22.54		
20	64QAM	1	99	22.77	22.64	22.66		
20	64QAM	50	0	22.05	21.94	21.85	22.7	3
20	64QAM	50	24	22.04	21.93	21.90		
20	64QAM	50	50	22.08	21.94	21.91		
20	64QAM	100	0	22.07	21.92	21.87		
20	256QAM	1	0	19.58	19.62	19.60	20.7	5
20	256QAM	1	49	19.46	19.54	19.45		
20	256QAM	1	99	19.45	19.55	19.47		
20	256QAM	50	0	19.47	19.57	19.45	20.7	5
20	256QAM	50	24	19.55	19.56	19.55		
20	256QAM	50	50	19.48	19.49	19.43		
20	256QAM	100	0	19.45	19.50	19.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.75	24.80	24.82	25.7	0
15	QPSK	1	37	24.74	24.67	24.63		
15	QPSK	1	74	24.71	24.71	24.76		
15	QPSK	36	0	24.10	24.03	23.87	24.7	1
15	QPSK	36	20	23.94	23.85	23.81		
15	QPSK	36	39	23.85	23.92	23.77		
15	QPSK	75	0	23.92	24.05	23.82		
15	16QAM	1	0	24.12	23.95	23.82	24.7	1
15	16QAM	1	37	24.11	23.98	23.91		
15	16QAM	1	74	24.06	23.95	23.96		
15	16QAM	36	0	23.00	22.93	22.78	23.7	2
15	16QAM	36	20	22.99	22.93	22.90		
15	16QAM	36	39	22.97	22.95	22.89		
15	16QAM	75	0	23.00	22.94	22.76		
15	64QAM	1	0	22.71	22.57	22.43	23.7	2
15	64QAM	1	37	22.70	22.53	22.46		
15	64QAM	1	74	22.76	22.52	22.60		
15	64QAM	36	0	22.09	21.82	21.73	22.7	3
15	64QAM	36	20	22.00	21.91	21.86		
15	64QAM	36	39	21.99	21.94	21.83		
15	64QAM	75	0	22.02	21.83	21.78		
15	256QAM	1	0	19.57	19.57	19.57	20.7	5
15	256QAM	1	37	19.34	19.42	19.33		
15	256QAM	1	74	19.34	19.44	19.35		
15	256QAM	36	0	19.45	19.53	19.36	20.7	5
15	256QAM	36	20	19.44	19.44	19.47		
15	256QAM	36	39	19.43	19.43	19.38		
15	256QAM	75	0	19.33	19.42	19.41		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	24.70	24.80	24.75	25.7	0
10	QPSK	1	25	24.79	24.73	24.69		
10	QPSK	1	49	24.76	24.71	24.80		
10	QPSK	25	0	23.99	24.07	23.88	24.7	1
10	QPSK	25	12	23.98	23.93	23.81		
10	QPSK	25	25	23.89	23.85	23.81		
10	QPSK	50	0	23.91	23.99	23.88		
10	16QAM	1	0	24.08	24.00	23.92	24.7	1
10	16QAM	1	25	24.07	23.91	23.94		
10	16QAM	1	49	24.06	23.96	23.93		
10	16QAM	25	0	23.06	22.86	22.82	23.7	2
10	16QAM	25	13	22.99	22.94	22.88		
10	16QAM	25	25	22.98	22.93	22.86		
10	16QAM	50	0	23.00	22.86	22.77		
10	64QAM	1	0	22.80	22.59	22.49	23.7	2
10	64QAM	1	25	22.76	22.63	22.49		
10	64QAM	1	49	22.68	22.52	22.59		
10	64QAM	25	0	21.98	21.93	21.81	22.7	3
10	64QAM	25	12	22.01	21.87	21.80		
10	64QAM	25	25	22.04	21.92	21.84		
10	64QAM	50	0	22.01	21.88	21.83		
10	256QAM	1	0	19.53	19.50	19.56	20.7	5
10	256QAM	1	25	19.41	19.42	19.38		
10	256QAM	1	49	19.35	19.45	19.37		
10	256QAM	25	0	19.41	19.52	19.33	20.7	5
10	256QAM	25	12	19.46	19.45	19.46		
10	256QAM	25	25	19.47	19.37	19.37		
10	256QAM	50	0	19.41	19.46	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.76	24.80	24.82	25.7	0
5	QPSK	1	12	24.68	24.72	24.69		
5	QPSK	1	24	24.77	24.73	24.78		
5	QPSK	12	0	24.01	24.09	23.87	24.7	1
5	QPSK	12	7	24.05	23.86	23.87		
5	QPSK	12	13	23.94	23.90	23.81		
5	QPSK	25	0	23.91	24.04	23.86		
5	16QAM	1	0	24.07	23.92	23.88	24.7	1
5	16QAM	1	12	24.04	23.93	23.90		
5	16QAM	1	24	23.99	23.97	24.03		
5	16QAM	12	0	23.00	22.92	22.75	23.7	2
5	16QAM	12	7	22.94	22.88	22.82		
5	16QAM	12	13	23.01	22.90	22.90		
5	16QAM	25	0	23.08	22.89	22.78		
5	64QAM	1	0	22.75	22.54	22.52	23.7	2
5	64QAM	1	12	22.73	22.63	22.53		
5	64QAM	1	24	22.74	22.64	22.67		
5	64QAM	12	0	22.09	21.85	21.77	22.7	3
5	64QAM	12	7	22.02	21.82	21.87		
5	64QAM	12	13	21.99	21.89	21.82		
5	64QAM	25	0	22.00	21.88	21.79		
5	256QAM	1	0	19.50	19.56	19.52	20.7	5
5	256QAM	1	12	19.45	19.47	19.43		
5	256QAM	1	24	19.42	19.52	19.38		
5	256QAM	12	0	19.46	19.47	19.34	20.7	5
5	256QAM	12	7	19.52	19.51	19.50		
5	256QAM	12	13	19.41	19.44	19.41		
5	256QAM	25	0	19.36	19.43	19.37		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.67	23.68	23.63	24.5	0
20	QPSK	1	49	23.63	23.58	23.58		
20	QPSK	1	99	23.60	23.55	23.57		
20	QPSK	50	0	22.88	22.70	22.69	23.5	1
20	QPSK	50	24	22.65	22.68	22.61		
20	QPSK	50	50	22.66	22.67	22.64		
20	QPSK	100	0	22.72	22.78	22.73		
20	16QAM	1	0	22.80	22.74	22.74	23.5	1
20	16QAM	1	49	22.82	22.76	22.75		
20	16QAM	1	99	22.84	22.80	22.90		
20	16QAM	50	0	21.79	21.71	21.68	22.5	2
20	16QAM	50	24	21.75	21.74	21.74		
20	16QAM	50	50	21.80	21.74	21.77		
20	16QAM	100	0	21.79	21.71	21.72		
20	64QAM	1	0	21.49	21.41	21.36	22.5	2
20	64QAM	1	49	21.48	21.42	21.38		
20	64QAM	1	99	21.52	21.45	21.50		
20	64QAM	50	0	20.75	20.65	20.67	21.5	3
20	64QAM	50	24	20.73	20.72	20.73		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.75	20.71	20.70		
20	256QAM	1	0	17.89	17.96	17.88	19.5	5
20	256QAM	1	49	17.83	17.88	17.76		
20	256QAM	1	99	17.94	17.95	17.89		
20	256QAM	50	0	17.83	17.91	17.80	19.5	5
20	256QAM	50	24	17.82	17.85	17.73		
20	256QAM	50	50	17.81	17.83	17.80		
20	256QAM	100	0	17.80	17.83	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.63	23.53	24.5	0
15	QPSK	1	37	23.62	23.50	23.51		
15	QPSK	1	74	23.55	23.50	23.56		
15	QPSK	36	0	22.64	22.69	22.57	23.5	1
15	QPSK	36	20	22.60	22.61	22.51		
15	QPSK	36	39	22.60	22.64	22.60		
15	QPSK	75	0	22.61	22.75	22.69		
15	16QAM	1	0	22.69	22.73	22.73	23.5	1
15	16QAM	1	37	22.71	22.71	22.68		
15	16QAM	1	74	22.82	22.69	22.83		
15	16QAM	36	0	21.77	21.69	21.62	22.5	2
15	16QAM	36	20	21.64	21.70	21.69		
15	16QAM	36	39	21.75	21.72	21.72		
15	16QAM	75	0	21.77	21.64	21.71		
15	64QAM	1	0	21.44	21.33	21.31	22.5	2
15	64QAM	1	37	21.44	21.37	21.35		
15	64QAM	1	74	21.47	21.33	21.41		
15	64QAM	36	0	20.73	20.59	20.60	21.5	3
15	64QAM	36	20	20.69	20.65	20.62		
15	64QAM	36	39	20.69	20.72	20.65		
15	64QAM	75	0	20.66	20.64	20.65		
15	256QAM	1	0	17.77	17.89	17.77	19.5	5
15	256QAM	1	37	17.72	17.82	17.74		
15	256QAM	1	74	17.82	17.94	17.77		
15	256QAM	36	0	17.72	17.87	17.76	19.5	5
15	256QAM	36	20	17.72	17.84	17.72		
15	256QAM	36	39	17.72	17.79	17.78		
15	256QAM	75	0	17.71	17.78	17.66		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.58	23.68	23.62	24.5	0
10	QPSK	1	25	23.58	23.55	23.52		
10	QPSK	1	49	23.57	23.45	23.52		
10	QPSK	25	0	22.62	22.69	22.64	23.5	1
10	QPSK	25	12	22.64	22.62	22.52		
10	QPSK	25	25	22.56	22.57	22.55		
10	QPSK	50	0	22.60	22.67	22.69		
10	16QAM	1	0	22.74	22.64	22.65	23.5	1
10	16QAM	1	25	22.78	22.65	22.69		
10	16QAM	1	49	22.78	22.77	22.85		
10	16QAM	25	0	21.75	21.64	21.66	22.5	2
10	16QAM	25	12	21.73	21.71	21.70		
10	16QAM	25	25	21.72	21.63	21.76		
10	16QAM	50	0	21.77	21.63	21.69		
10	64QAM	1	0	21.39	21.29	21.27	22.5	2
10	64QAM	1	25	21.47	21.34	21.33		
10	64QAM	1	49	21.41	21.40	21.43		
10	64QAM	25	0	20.65	20.65	20.55	21.5	3
10	64QAM	25	12	20.72	20.60	20.64		
10	64QAM	25	25	20.79	20.72	20.74		
10	64QAM	50	0	20.67	20.61	20.68		
10	256QAM	1	0	17.78	17.84	17.84	19.5	5
10	256QAM	1	25	17.72	17.80	17.71		
10	256QAM	1	49	17.88	17.77	17.88		
10	256QAM	25	0	17.75	17.85	17.70	19.5	5
10	256QAM	25	12	17.80	17.81	17.64		
10	256QAM	25	25	17.72	17.82	17.73		
10	256QAM	50	0	17.72	17.77	17.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.61	23.51	24.5	0
5	QPSK	1	12	23.56	23.49	23.47		
5	QPSK	1	24	23.59	23.48	23.48		
5	QPSK	12	0	22.65	22.61	22.63	23.5	1
5	QPSK	12	7	22.57	22.63	22.51		
5	QPSK	12	13	22.58	22.57	22.56		
5	QPSK	25	0	22.63	22.68	22.70		
5	16QAM	1	0	22.68	22.69	22.62	23.5	1
5	16QAM	1	12	22.72	22.66	22.67		
5	16QAM	1	24	22.75	22.71	22.82		
5	16QAM	12	0	21.78	21.67	21.57	22.5	2
5	16QAM	12	7	21.69	21.62	21.73		
5	16QAM	12	13	21.75	21.67	21.73		
5	16QAM	25	0	21.76	21.68	21.62		
5	64QAM	1	0	21.43	21.37	21.29	22.5	2
5	64QAM	1	12	21.44	21.39	21.32		
5	64QAM	1	24	21.43	21.35	21.47		
5	64QAM	12	0	20.73	20.67	20.64	21.5	3
5	64QAM	12	7	20.64	20.64	20.64		
5	64QAM	12	13	20.70	20.62	20.68		
5	64QAM	25	0	20.64	20.66	20.61		
5	256QAM	1	0	17.82	17.90	17.79	19.5	5
5	256QAM	1	12	17.82	17.77	17.71		
5	256QAM	1	24	17.85	17.87	17.83		
5	256QAM	12	0	17.81	17.88	17.69	19.5	5
5	256QAM	12	7	17.75	17.81	17.64		
5	256QAM	12	13	17.78	17.80	17.68		
5	256QAM	25	0	17.79	17.79	17.63		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.07	25.12	25.05	25.7	0
20	QPSK	1	49	24.99	25.02	24.96		
20	QPSK	1	99	25.06	25.01	24.95		
20	QPSK	50	0	24.16	24.06	24.11	24.7	1
20	QPSK	50	24	23.96	24.07	23.97		
20	QPSK	50	50	23.90	23.90	23.84		
20	QPSK	100	0	23.94	23.97	23.92		
20	16QAM	1	0	24.06	24.05	23.95	24.7	1
20	16QAM	1	49	23.98	23.97	23.88		
20	16QAM	1	99	24.01	23.96	23.87		
20	16QAM	50

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.69	23.70	23.57	23.64	24.5	0
20	QPSK	1	49	23.62	23.53	23.66	23.56	23.61		
20	QPSK	1	99	23.65	23.48	23.68	23.52	23.41		
20	QPSK	50	0	22.90	22.82	22.94	22.81	22.80		
20	QPSK	50	24	22.85	22.75	22.83	22.79	22.78	23.5	1
20	QPSK	50	50	22.89	22.73	22.89	22.80	22.81		
20	QPSK	100	0	22.84	22.75	22.89	22.80	22.84		
20	16QAM	1	0	22.84	22.76	22.81	22.77	23.01		
20	16QAM	1	49	22.89	22.77	22.89	22.81	22.86	23.5	1
20	16QAM	1	99	22.95	22.92	22.92	22.82	22.66		
20	16QAM	50	0	21.90	21.72	21.82	21.81	21.96		
20	16QAM	50	24	21.90	21.75	21.83	21.82	21.88	22.5	2
20	16QAM	50	50	22.00	21.84	21.90	21.83	21.81		
20	16QAM	100	0	21.90	21.73	21.85	21.82	21.85		
20	64QAM	1	0	21.55	21.44	21.54	21.46	21.70		
20	64QAM	1	49	21.60	21.48	21.59	21.52	21.56	22.5	2
20	64QAM	1	99	21.65	21.63	21.62	21.53	21.37		
20	64QAM	50	0	20.70	20.70	20.79	20.77	20.92		
20	64QAM	50	24	20.86	20.73	20.79	20.78	20.83	21.5	3
20	64QAM	50	50	20.95	20.80	20.85	20.78	20.77		
20	64QAM	100	0	20.88	20.73	20.83	20.78	20.83		
20	256QAM	1	0	18.10	18.05	18.13	18.04	18.06		
20	256QAM	1	49	18.02	18.03	18.05	18.01	18.02	19.5	5
20	256QAM	1	99	17.99	18.05	18.11	18.08	18.08		
20	256QAM	50	0	17.99	18.01	18.06	18.03	18.05		
20	256QAM	50	24	17.96	18.04	18.06	18.05	18.05	19.5	5
20	256QAM	50	50	17.95	18.01	18.05	17.96	17.93		
20	256QAM	100	0	17.92	17.93	17.98	17.95	17.92		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.64	23.62	23.65	23.47	23.53	24.5	0
15	QPSK	1	37	23.58	23.49	23.63	23.46	23.54		
15	QPSK	1	74	23.62	23.41	23.56	23.51	23.32		
15	QPSK	36	0	22.89	22.75	22.90	22.69	22.61		
15	QPSK	36	20	22.79	22.67	22.73	22.74	22.72	23.5	1
15	QPSK	36	39	22.77	22.64	22.84	22.73	22.72		
15	QPSK	75	0	22.75	22.74	22.86	22.76	22.82		
15	16QAM	1	0	22.80	22.69	22.75	22.70	22.93		
15	16QAM	1	37	22.82	22.73	22.88	22.77	22.74	23.5	1
15	16QAM	1	74	22.91	22.90	22.82	22.76	22.57		
15	16QAM	36	0	21.70	21.67	21.81	21.75	21.95		
15	16QAM	36	20	21.80	21.68	21.81	21.76	21.79	22.5	2
15	16QAM	36	39	21.89	21.78	21.89	21.71	21.69		
15	16QAM	75	0	21.89	21.65	21.74	21.81	21.73		
15	64QAM	1	0	21.48	21.39	21.47	21.41	21.62		
15	64QAM	1	37	21.56	21.38	21.54	21.50	21.47	22.5	2
15	64QAM	1	74	21.61	21.53	21.50	21.43	21.30		
15	64QAM	36	0	20.70	20.67	20.72	20.68	20.85		
15	64QAM	36	20	20.79	20.71	20.75	20.72	20.71	21.5	3
15	64QAM	36	39	20.93	20.70	20.80	20.72	20.66		
15	64QAM	75	0	20.82	20.69	20.80	20.69	20.82		
15	256QAM	1	0	18.04	17.95	18.04	18.02	17.97		
15	256QAM	1	37	17.97	18.02	17.95	17.93	18.00	19.5	5
15	256QAM	1	74	17.90	17.98	18.06	17.96	17.97		
15	256QAM	36	0	17.88	17.94	18.04	18.00	18.01		
15	256QAM	36	20	17.97	17.99	17.95	18.02	17.95	19.5	5
15	256QAM	36	39	17.85	17.92	17.93	17.94	17.92		
15	256QAM	75	0	17.85	17.92	17.96	17.87	17.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.63	23.68	23.72	23.57	23.52	24.5	0
10	QPSK	1	25	23.55	23.44	23.57	23.47	23.59		
10	QPSK	1	49	23.62	23.45	23.58	23.48	23.29		
10	QPSK	25	0	22.84	22.72	22.79	22.76	22.80		
10	QPSK	25	12	22.80	22.68	22.77	22.70	22.66	23.5	1
10	QPSK	25	25	22.81	22.62	22.77	22.73	22.78		
10	QPSK	50	0	22.79	22.71	22.85	22.74	22.79		
10	16QAM	1	0	22.76	22.67	22.69	22.67	22.96		
10	16QAM	1	25	22.79	22.73	22.84	22.75	22.85	23.5	1
10	16QAM	1	49	22.88	22.81	22.85	22.71	22.64		
10	16QAM	25	0	21.68	21.63	21.76	21.71	21.95		
10	16QAM	25	12	21.78	21.68	21.72	21.80	21.77	22.5	2
10	16QAM	25	25	21.78	21.79	21.88	21.80	21.80		
10	16QAM	50	0	21.79	21.68	21.80	21.81	21.79		
10	64QAM	1	0	21.52	21.39	21.53	21.39	21.61		
10	64QAM	1	25	21.49	21.39	21.51	21.42	21.53	22.5	2
10	64QAM	1	49	21.62	21.60	21.52	21.51	21.27		
10	64QAM	25	0	20.74	20.60	20.69	20.65	20.88		
10	64QAM	25	12	20.81	20.72	20.79	20.72	20.79	21.5	3
10	64QAM	25	25	20.86	20.74	20.82	20.76	20.65		
10	64QAM	50	0	20.86	20.61	20.82	20.67	20.82		
10	256QAM	1	0	18.02	17.96	18.08	17.98	18.03		
10	256QAM	1	25	17.92	17.97	18.01	17.94	18.01	19.5	5
10	256QAM	1	49	17.96	18.04	18.10	18.00	18.00		
10	256QAM	25	0	17.88	17.90	17.99	18.00	18.02		
10	256QAM	25	12	17.86	18.03	17.99	17.95	18.02	19.5	5
10	256QAM	25	25	17.90	17.90	17.95	17.95	17.94		
10	256QAM	50	0	17.84	17.86	17.98	17.83	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.59	23.57	23.62	23.55	23.52	24.5	0
5	QPSK	1	12	23.53	23.45	23.62	23.52	23.60		
5	QPSK	1	24	23.55	23.42	23.58	23.44	23.37		
5	QPSK	12	0	22.78	22.71	22.87	22.71	22.85		
5	QPSK	12	7	22.76	22.68	22.74	22.77	22.74	23.5	1
5	QPSK	12	13	22.88	22.63	22.77	22.79	22.71		
5	QPSK	25	0	22.73	22.66	22.88	22.73	22.72		
5	16QAM	1	0	22.79	22.65	22.76	22.74	22.99		
5	16QAM	1	12	22.77	22.65	22.79	22.76	22.76	23.5	1
5	16QAM	1	24	22.89	22.86	22.87	22.80	22.73		
5	16QAM	12	0	21.69	21.62	21.73	21.78	21.90		
5	16QAM	12	7	21.89	21.71	21.82	21.76	21.79	22.5	2
5	16QAM	12	13	21.89	21.79	21.81	21.82	21.79		
5	16QAM	25	0	21.84	21.66	21.81	21.81	21.81		
5	64QAM	1	0	21.50	21.42	21.50	21.36	21.68		
5	64QAM	1	12	21.56	21.43	21.49	21.40	21.51	22.5	2
5	64QAM	1	24	21.56	21.62	21.50	21.43	21.35		
5	64QAM	12	0	20.74	20.60	20.69	20.74	20.88		
5	64QAM	12	7	20.75	20.63	20.76	20.72	20.76	21.5	3
5	64QAM	12	13	20.88	20.78	20.80	20.74	20.67		
5	64QAM	25	0	20.86	20.68	20.75	20.71	20.77		
5	256QAM	1	0	18.07	17.97	18.08	17.92	18.04		
5	256QAM	1	12	17.92	17.92	17.94	17.97	18.01	19.5	5
5	256QAM	1	24	17.96	17.99	18.07	18.02	18.01		
5	256QAM	12	0	17.92	17.92	18.01	17.96	18.03		
5	256QAM	12	7	17.85	17.93	17.96	17.96	17.99	19.5	5
5	256QAM	12	13	17.85	17.93	17.97	17.84	17.82		
5	256QAM	25	0	17.83	17.83	17.87	17.90	17.89		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.82	24.85	24.89	24.82	24.86	25.7	0
20	QPSK	1	49	24.79	24.74	24.80	24.76	24.75		
20	QPSK	1	99	24.80	24.67	23.95	24.75	24.69		
20	QPSK	50	0	24.05	24.04	24.12	24.02	24.06		
20	QPSK	50	24	23.97	23.96	23.98	24.01	24.01	24.7	1
20	QPSK	50	50	24.01	23.98	24.08	24.00	24.03		
20	QPSK	100	0	24.00	23.96	24.05	23.99	24.02		
20	16QAM	1	0	24.02	23.94	24.02	23.94	24.45		
20	16QAM	1	49	24.04	23.98	24.07	24.00	24.38	24.7	1
20	16QAM	1	99	24.09	24.15	24.06	24.07	24.23		
20	16QAM	50	0	22.90	22.95	22.99	23.01	23.41		
20	16QAM	50	24	23.04	22.96	22.99	23.01	23.39	23.7	2
20	16QAM	50	50	23.14	23.03	23.06	23.03	23.34		
20	16QAM	100	0	23.06	22.96	23.02	22.99	23.36		
20	64QAM	1	0	22.73	22.83	22.73	22.64	23.16		
20	64QAM	1	49	22.74	22.67	22.75	22.72	23.09	23.7	2
20	64QAM	1	99	22.75	22.65	22.75	22.75	22.95		
20	64QAM	50	0	21.97	21.92	21.96	21.98	22.39		
20	64QAM	50	24	22.01	21.94	21.96	21.97	22.34	22.7	3
20	64QAM	50	50	22.12	22.00	22.05	21.99	22.32		
20	64QAM	100	0	22.02	21.94	21.97	21.96	22.36		
20	256QAM	1	0	19.67	19.63	19.71	19.61	19.70		
20	256QAM	1	49	19.68	19.74	19.79	19.72	19.72	20.7	5
20	256QAM	1	99	19.79	19.76	19.85	19.83	19.75		
20	256QAM	50	0	19.58	19.64	19.65	19.56	19.63		
20	256QAM	50	24	19.68	19.66	19.77	19.69	19.75	20.7	5
20	256QAM	50	50	19.57	19.65	19.68	19.62	19.57		
20	256QAM	100	0	19.52	19.55	19.62	19.61	19.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.76	24.73	24.79	24.76	24.82	25.7	0
15	QPSK	1	37	24.71	24.64	24.71	24.70	24.68		
15	QPSK	1	74	24.77	24.63	23.90	24.65	24.64		
15	QPSK	36	0	23.93	23.95	24.02	23.93	23.98		
15	QPSK	36	20	23.86	23.84	23.91	23.94	23.95	24.7	1
15	QPSK	36	39	23.93	23.9	24.00	23.95	24.00		
15	QPSK	75	0	23.98	23.88	24.02	23.94	24.00		
15	16QAM	1	0	23.99	23.93	24.00	23.83	24.41		
15	16QAM	1	37	23.95	23.88	24.04	23.99	24.08	24.7	1
15	16QAM	1	74	24.06	24.06	23.95	24.01	24.19		
15	16QAM	36	0	22.94	22.87	22.90	22.95	23.31		
15	16QAM	36	20	23.01	22.94	22.95	22.97	23.37	23.7	2
15	16QAM	36	39	23.05	22.94	22.98	23.02	23.27		
15	16QAM	75	0	23.03	22.84	22.90	22.98	23.33		
15	64QAM	1	0	22.61	22.55	22.67	22.53	23.04		
15	64QAM	1	37	22.76	22.59	22.71	22.62	23.06	23.7	2
15	64QAM	1	74	22.74	22.74	22.73	22.71	22.94		
15	64QAM	36	0	21.84	21.8	21.89	21.86	22.38		
15	64QAM	36	20	21.94	21.85	21.86	21.92	22.23	22.7	3
15	64QAM	36	39	22.08	21.98	22.00	21.94	22.26		
15	64QAM	75	0	21.93	21.82	21.87	21.95	22.34		
15	256QAM	1	0	19.63	19.54	19.63	19.56	19.58		
15	256QAM	1	37	19.67	19.71	19.73	19.70	19.68	20.7	5
15	256QAM	1	74	19.78	19.65	19.79	19.79	19.72		
15	256QAM	36	0	19.53	19.53	19.64	19.47	19.60		
15	256QAM	36	20	19.59	19.62	19.69	19.68	19.72	20.7	5
15	256QAM	36	39	19.52	19.55	19.62	19.60	19.45		
15	256QAM	75	0	19.47	19.52	19.61	19.60	19.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.76	24.81	24.80	24.73	24.82	25.7	0
10	QPSK	1	25	24.71	24.71	24.68	24.72	24.73		
10	QPSK	1	49	24.77	24.56	23.91	24.73	24.68		
10	QPSK	25	0	23.99	23.95	24.08	23.90	24.02		
10	QPSK	25	12	23.87	23.91	23.95	23.96	23.92	24.7	1
10	QPSK	25	25	23.97	23.92	24.06	23.96	23.92		
10	QPSK	50	0	23.90	23.94	24.01	23.96	23.95		
10	16QAM	1	0	24.01	23.91	23.90	23.88	24.43		
10	16QAM	1	25	23.97	23.96	23.95	23.94	24.27	24.7	1
10	16QAM	1	49	24.03	24.13	23.94	23.98	24.11		
10	16QAM	25	0	22.87	22.87	22.88	22.89	23.39		
10	16QAM	25	12	23.01	22.92	22.98	22.89	23.35	23.7	2
10	16QAM	25	25	23.02	22.99	23.02	23.01	23.32		
10	16QAM	50	0	23.05	22.86	22.90	22.94	23.26		
10	64QAM	1	0	22.63	22.56	22.65	22.52	23.14		
10	64QAM	1	25	22.65	22.61	22.67	22.58	23.05	23.7	2
10	64QAM	1	49	22.67	22.83	22.73	22.69	22.86		
10	64QAM	25	0	21.94	21.86	21.88	21.90	22.36		
10	64QAM	25	12	21.96	21.87	21.88	21.96	22.22	22.7	3
10	64QAM	25	25	22.07	21.98	21.96	21.91	22.31		
10	64QAM	50	0	21.94	21.88	21.86	21.93	22.27		
10	256QAM	1	0	19.62	19.54	19.67	19.51	19.63		
10	256QAM	1	25	19.63	19.68	19.73	19.62	19.70	20.7	5
10	256QAM	1	49	19.68	19.74	19.79	19.78	19.70		
10	256QAM	25	0	19.57	19.61	19.57	19.46	19.60		
10	256QAM	25	12	19.61	19.63	19.66	19.68	19.65	20.7	5
10	256QAM	25	25	19.45	19.56	19.61	19.55	19.47		
10	256QAM	50	0	19.42	19.52	19.59	19.54	19.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.79	24.81	24.79	24.76	25.7	0
5	QPSK	1	12	24.76	24.64	24.74	24.68	24.68		
5	QPSK	1	24	24.72	24.64	23.90	24.69	24.67		
5	QPSK	12	0	24.03	23.97	24.03	24.00	24.01		
5	QPSK	12	7	23.93	23.93	23.89	24.00	23.94	24.7	1
5	QPSK	12	13	23.96	23.96	24.06	23.94	23.94		
5	QPSK	25	0	23.97	23.92	23.97	23.94	23.93		
5	16QAM	1	0	24.01	23.87	23.96	23.89	24.35		
5	16QAM	1	12	24.01	23.94	24.01	23.97	24.28	24.7	1
5	16QAM	1	24	23.98	24.10	23.96	24.03	24.10		
5	16QAM	12	0	22.93	22.91	22.88	22.95	23.34		
5	16QAM	12	7	23.03	22.87	22.87	22.97	23.36	23.7	2
5	16QAM	12	13	23.12	22.92	23.01	22.98	23.27		
5	16QAM	25	0	22.97	22.90	23.01	22.97	23.28		
5	64QAM	1	0	22.68	22.59	22.70	22.58	23.13		
5	64QAM	1	12	22.73	22.62	22.68	22.60	23.06	23.7	2
5	64QAM	1	24	22.77	22.73	22.71	22.64	22.91		
5	64QAM	12	0	21.88	21.90	21.86	21.90	22.35		
5	64QAM	12	7	21.98	21.91	21.86	21.90	22.24	22.7	3
5	64QAM	12	13	22.03	21.94	21.97	21.87	22.24		
5	64QAM	25	0	21.97	21.90	21.91	21.91	22.31		
5	256QAM	1	0	19.62	19.53	19.61	19.58	19.62		
5	256QAM	1	12	19.56	19.70	19.67	19.70	19.71	20.7	5
5	256QAM	1	24	19.72	19.64	19.82	19.80	19.67		
5	256QAM	12	0	19.52	19.58	19.56	19.54	19.62		
5	256QAM	12	7	19.57	19.59	19.76	19.59	19.74	20.7	5
5	256QAM	12	13	19.56	19.60	19.65	19.53	19.53		
5	256QAM	25	0	19.42	19.47	19.54	19.52	19.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.60	23.56	23.69	23.52	23.63	24.5	0
20	QPSK	1	49	23.54	23.36	23.61	23.50	23.51		
20	QPSK	1	99	23.56	23.31	23.64	23.49	23.46		
20	QPSK	50	0	22.84	22.82	22.94	22.76	22.86		
20	QPSK	50	24	22.85	22.61	22.72	22.75	22.83	23.5	1
20	QPSK	50	50	22.78	22.59	22.82	22.75	22.84		
20	QPSK	100	0	22.82	22.59	22.88	22.72	22.75		
20	16QAM	1	0	22.81	22.60	22.72	22.69	22.99		
20	16QAM	1	49	22.84	22.63	22.81	22.73	22.89	23.5	1
20	16QAM	1	99	22.86	22.77	22.82	22.74	22.74		
20	16QAM	50	0	21.78	21.59	21.71	21.76	21.97		
20	16QAM	50	24	21.86	21.62	21.72	21.75	21.90	22.5	2
20	16QAM	50	50	21.92	21.67	21.82	21.75	21.85		
20	16QAM	100	0	21.83	21.59	21.76	21.75	21.88		
20	64QAM	1	0	21.54	21.29	21.42	21.42	21.69		
20	64QAM	1	49	21.55	21.31	21.50	21.45	21.58	22.5	2
20	64QAM	1	99	21.57	21.46	21.51	21.46	21.43		
20	64QAM	50	0	20.74	20.57	20.67	20.74	20.92		
20	64QAM	50	24	20.81	20.59	20.70	20.71	20.84	21.5	3
20	64QAM	50	50	20.90	20.65	20.79	20.71	20.82		
20	64QAM	100	0	20.82	20.60	20.72	20.71	20.88		
20	256QAM	1	0	18.08	18.11	18.20	18.13	18.11		
20	256QAM	1	49	18.16	18.12	18.18	18.10	18.18	19.5	5
20	256QAM	1	99	18.04	18.04	18.16	18.15	18.07		
20	256QAM	50	0	18.02	18.02	18.13	18.11	18.05		
20	256QAM	50	24	18.05	18.07	18.15	18.07	18.12	19.5	5
20	256QAM	50	50	18.06	18.05	18.14	18.08	18.05		
20	256QAM	100	0	18.08	18.08	18.16	18.02	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.49	23.47	23.59	23.43	23.51	24.5	0
15	QPSK	1	37	23.44	23.24	23.55	23.48	23.45		
15	QPSK	1	74	23.51	23.28	23.62	23.48	23.35		
15	QPSK	36	0	22.85	22.58	22.80	22.66	22.64		
15	QPSK	36	20	22.80	22.54	22.62	22.66	22.80	23.5	1
15	QPSK	36	39	22.87	22.50	22.70	22.73	22.83		
15	QPSK	75	0	22.79	22.52	22.81	22.66	22.65		
15	16QAM	1	0	22.71	22.53	22.66	22.59	22.88		
15	16QAM	1	37	22.79	22.52	22.72	22.68	22.81	23.5	1
15	16QAM	1	74	22.84	22.74	22.79	22.70	22.68		
15	16QAM	36	0	21.70	21.53	21.60	21.72	21.90		
15	16QAM	36	20	21.76	21.55	21.71	21.70	21.88	22.5	2
15	16QAM	36	39	21.81	21.57	21.73	21.64	21.80		
15	16QAM	75	0	21.75	21.58	21.66	21.74	21.84		
15	64QAM	1	0	21.44	21.22	21.33	21.33	21.60		
15	64QAM	1	37	21.44	21.19	21.42	21.37	21.54	22.5	2
15	64QAM	1	74	21.48	21.37	21.49	21.40	21.40		
15	64QAM	36

Reduced Power for DSI0 ENDC&ULCA_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.88	23.96	23.95		
20	QPSK	1	49	23.82	23.93	23.92	25	0
20	QPSK	1	99	23.82	23.85	23.93		
20	QPSK	50	0	22.86	22.94	22.91		
20	QPSK	50	24	22.83	22.93	22.90	24	1
20	QPSK	50	50	22.85	22.86	22.83		
20	QPSK	100	0	22.82	22.92	22.90		
20	16QAM	1	0	23.08	23.11	23.19		
20	16QAM	1	49	23.05	23.14	23.08	24	1
20	16QAM	1	99	22.98	23.06	23.07		
20	16QAM	50	0	21.67	21.94	21.88		
20	16QAM	50	24	21.80	21.92	21.90	23	2
20	16QAM	50	50	21.85	21.85	21.83		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.99	22.03	22.07		
20	64QAM	1	49	21.94	22.04	22.01	23	2
20	64QAM	1	99	21.92	21.97	21.98		
20	64QAM	50	0	20.70	20.95	20.90		
20	64QAM	50	24	20.85	20.89	20.88	22	3
20	64QAM	50	50	20.86	20.88	20.83		
20	64QAM	100	0	20.85	20.91	20.92		
20	256QAM	1	0	18.69	18.61	18.58		
20	256QAM	1	49	18.52	18.62	18.58	20	5
20	256QAM	1	99	18.50	18.55	18.46		
20	256QAM	50	0	18.60	18.56	18.46		
20	256QAM	50	24	18.63	18.55	18.69	20	5
20	256QAM	50	50	18.51	18.48	18.51		
20	256QAM	100	0	20.69	18.52	18.60		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.80	23.89	23.87		
15	QPSK	1	37	23.79	23.90	23.83	25	0
15	QPSK	1	74	23.78	23.81	23.90		
15	QPSK	36	0	22.79	22.92	22.86		
15	QPSK	36	20	22.81	22.88	22.81	24	1
15	QPSK	36	39	22.73	22.81	22.81		
15	QPSK	75	0	22.75	22.84	22.82		
15	16QAM	1	0	22.99	23.00	23.14		
15	16QAM	1	37	23.00	23.07	23.01	24	1
15	16QAM	1	74	22.96	22.99	23.03		
15	16QAM	36	0	21.82	21.93	21.83		
15	16QAM	36	20	21.75	21.84	21.87	23	2
15	16QAM	36	39	21.84	21.84	21.76		
15	16QAM	75	0	21.74	21.75	21.75		
15	64QAM	1	0	21.96	21.91	22.01		
15	64QAM	1	37	21.86	21.91	21.96	23	2
15	64QAM	1	74	21.87	21.86	21.96		
15	64QAM	36	0	20.59	20.94	20.80		
15	64QAM	36	20	20.80	20.87	20.80	22	3
15	64QAM	36	39	20.80	20.80	20.76		
15	64QAM	75	0	20.82	20.79	20.91		
15	256QAM	1	0	18.58	18.59	18.56		
15	256QAM	1	37	18.46	18.52	18.55	20	5
15	256QAM	1	74	18.44	18.44	18.34		
15	256QAM	36	0	18.48	18.47	18.44		
15	256QAM	36	20	18.57	18.46	18.66	20	5
15	256QAM	36	39	18.45	18.40	18.41		
15	256QAM	75	0	18.41	18.41	18.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.80	23.84	23.88		
10	QPSK	1	25	23.80	23.83	23.91	25	0
10	QPSK	1	49	23.81	23.80	23.96		
10	QPSK	25	0	22.78	22.91	22.87		
10	QPSK	25	12	22.79	22.88	22.85	24	1
10	QPSK	25	25	22.79	22.77	22.77		
10	QPSK	50	0	22.82	22.85	22.85		
10	16QAM	1	0	22.96	23.00	23.07		
10	16QAM	1	25	23.02	23.02	22.96	24	1
10	16QAM	1	49	22.86	23.02	22.99		
10	16QAM	25	0	21.58	21.82	21.86		
10	16QAM	25	12	21.70	21.88	21.86	23	2
10	16QAM	25	25	21.78	21.77	21.78		
10	16QAM	50	0	21.77	21.81	21.80		
10	64QAM	1	0	21.87	21.92	22.03		
10	64QAM	1	25	21.85	21.93	21.90	23	2
10	64QAM	1	49	21.91	21.91	21.92		
10	64QAM	25	0	20.59	20.83	20.89		
10	64QAM	25	12	20.81	20.77	20.86	22	3
10	64QAM	25	25	20.81	20.76	20.80		
10	64QAM	50	0	20.81	20.90	20.84		
10	256QAM	1	0	18.59	18.56	18.46		
10	256QAM	1	25	18.48	18.53	18.55	20	5
10	256QAM	1	49	18.44	18.47	18.39		
10	256QAM	25	0	18.54	18.48	18.34		
10	256QAM	25	12	18.60	18.48	18.83	20	5
10	256QAM	25	25	18.43	18.41	18.43		
10	256QAM	50	0	18.46	18.48	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.86	23.94	23.91		
5	QPSK	1	12	23.72	23.94	23.87	25	0
5	QPSK	1	24	23.75	23.78	23.89		
5	QPSK	12	0	22.78	22.88	22.84		
5	QPSK	12	7	22.82	22.81	22.81	24	1
5	QPSK	12	13	22.77	22.78	22.81		
5	QPSK	25	0	22.74	22.87	22.82		
5	16QAM	1	0	22.98	23.06	23.10		
5	16QAM	1	12	23.03	23.06	22.97	24	1
5	16QAM	1	24	22.95	23.02	22.95		
5	16QAM	12	0	21.52	21.85	21.81		
5	16QAM	12	7	21.72	21.87	21.89	23	2
5	16QAM	12	13	21.76	21.73	21.72		
5	16QAM	25	0	21.74	21.77	21.85		
5	64QAM	1	0	21.96	21.91	21.96		
5	64QAM	1	12	21.91	22.00	22.00	23	2
5	64QAM	1	24	21.80	21.88	21.93		
5	64QAM	12	0	20.58	20.86	20.86		
5	64QAM	12	7	20.84	20.88	20.76	22	3
5	64QAM	12	13	20.78	20.82	20.73		
5	64QAM	25	0	20.74	20.82	20.91		
5	256QAM	1	0	18.86	18.55	18.50		
5	256QAM	1	12	18.47	18.51	18.55	20	5
5	256QAM	1	24	18.40	18.47	18.34		
5	256QAM	12	0	18.55	18.52	18.45		
5	256QAM	12	7	18.59	18.48	18.67	20	5
5	256QAM	12	13	18.50	18.37	18.39		
5	256QAM	25	0	18.41	18.45	18.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.86	23.94	23.85		
3	QPSK	1	8	23.76	23.82	23.89	25	0
3	QPSK	1	14	23.81	23.78	23.87		
3	QPSK	8	0	22.78	22.92	22.90		
3	QPSK	8	4	22.81	22.83	22.84	24	1
3	QPSK	8	7	22.76	22.82	22.77		
3	QPSK	15	0	22.75	22.81	22.89		
3	16QAM	1	0	23.03	23.05	23.07		
3	16QAM	1	8	22.97	23.04	22.96	24	1
3	16QAM	1	14	22.97	22.97	22.98		
3	16QAM	8	0	21.63	21.82	21.77		
3	16QAM	8	4	21.75	21.90	21.81	23	2
3	16QAM	8	7	21.84	21.81	21.74		
3	16QAM	15	0	21.79	21.80	21.85		
3	64QAM	1	0	21.88	21.94	21.98		
3	64QAM	1	8	21.88	21.93	21.92	23	2
3	64QAM	1	14	21.90	21.87	21.96		
3	64QAM	8	0	20.66	20.88	20.83		
3	64QAM	8	4	20.80	20.87	20.82	22	3
3	64QAM	8	7	20.75	20.85	20.74		
3	64QAM	15	0	20.76	20.80	20.90		
3	256QAM	1	0	18.59	18.59	18.47		
3	256QAM	1	8	18.46	18.55	18.48	20	5
3	256QAM	1	14	18.45	18.50	18.36		
3	256QAM	8	0	18.53	18.48	18.42		
3	256QAM	8	4	18.62	18.51	18.66	20	5
3	256QAM	8	7	18.42	18.43	18.49		
3	256QAM	15	0	18.39	18.43	18.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.79	23.85	23.83		
1.4	QPSK	1	3	23.81	23.83	23.83		
1.4	QPSK	1	5	23.71	23.81	23.86	25	0
1.4	QPSK	3	0	23.69	23.79	23.80		
1.4	QPSK	3	1	23.69	23.76	23.76		
1.4	QPSK	3	3	23.61	23.74	23.85		
1.4	QPSK	6	0	22.81	22.80	22.86	24	1
1.4	16QAM	1	0	23.07	23.07	23.14		
1.4	16QAM	1	3	22.93	23.02	23.07		
1.4	16QAM	1	5	22.95	23.00	23.04	24	1
1.4	16QAM	3	0	22.96	23.01	23.13		
1.4	16QAM	3	1	22.92	22.93	23.02		
1.4	16QAM	3	3	22.88	22.97	22.95		
1.4	16QAM	6	0	21.77	21.80	21.77	23	2
1.4	64QAM	1	0	21.94	21.92	22.03		
1.4	64QAM	1	3	21.86	21.97	21.91		
1.4	64QAM	1	5	21.91	21.90	21.92	23	2
1.4	64QAM	3	0	21.93	21.84	21.99		
1.4	64QAM	3	1	21.86	21.95	21.83		
1.4	64QAM	3	3	21.87	21.85	21.96		
1.4	64QAM	6	0	20.84	20.90	20.83	22	3
1.4	256QAM	1	0	18.67	18.54	18.52		
1.4	256QAM	1	3	18.43	18.56	18.54		
1.4	256QAM	1	5	18.40	18.47	18.42	20	5
1.4	256QAM	3	0	18.53	18.47	18.43		
1.4	256QAM	3	1	18.54	18.44	18.64		
1.4	256QAM	3	3	18.49	18.37	18.48		
1.4	256QAM	6	0	18.48	18.44	18.60	20	5

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.92	19.02	18.95		
20	QPSK	1	49	18.90	18.96	18.87	20	0
20	QPSK	1	99	18.86	18.94	18.84		
20	QPSK	50	0	18.86	18.95	18.87		
20	QPSK	50	24	18.84	18.93	18.85	20	0
20	QPSK	50	50	18.82	18.91	18.85		
20	QPSK	100	0	18.82	18.92	18.83		
20	16QAM	1	0	18.81	18.89	18.89		
20	16QAM	1	49	18.84	18.92	18.83	20	0
20	16QAM	1	99	18.84	18.92	18.82		
20	16QAM	50	0	18.75	18.84	18.74		
20	16QAM	50	24	18.80	18.85	18.77	20	0
20	16QAM	50	50	18.72	18.79	18.74		
20	16QAM	100	0	18.72	18.82	18.72		
20	64QAM	1	0	18.79	18.86	18.76		
20	64QAM	1	49	18.77	18.87	18.79	20	0
20	64QAM	1	99	18.71	18.79	18.74		
20	64QAM	50	0	18.78	18.86	18.78		
20	64QAM	50	24	18.79	18.85	18.79	20	0
20	64QAM	50	50	18.79	18.84	18.74		
20	64QAM	100	0	18.75	18.83	18.77		
20	256QAM	1	0	18.24	18.40	18.38		
20	256QAM	1	49	18.35	18.48	18.49	19.5	0.5
20	256QAM	1	99	18.37	18.48	18.37		
20	256QAM	50	0	18.33	18.51	18.49		
20	256QAM	50	24	18.32	18.40	18.39	19.5	0.5
20	256QAM	50	50	18.37	18.36	18.31		
20	256QAM	100	0	18.37	18.41	18.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.82	18.97	18.86		
15	QPSK	1	37	18.80	18.91	18.81	20	0
15	QPSK	1	74	18.78	18.89	18.77		
15	QPSK	36	0	18.79	18.85	18.82		
15	QPSK	36	20	18.76	18.88	18.75	20	0
15	QPSK	36	39	18.74	18.81	18.76		
15	QPSK	75	0	18.75	18.85	18.73		
15	16QAM	1	0	18.76	18.84	18.73		
15	16QAM	1	37	18.79	18.82	18.78	20	0
15	16QAM	1	74	18.77	18.86	18.76		
15	16QAM	36	0	18.67	18.76	18.68		
15	16QAM	36	20	18.74	18.78	18.67	20	0
15	16QAM	36	39	18.68	18.70	18.67		
15	16QAM	75	0	18.64	18.75	18.64		
15	64QAM	1	0	18.71	18.76	18.69		
15	64QAM	1	37	18.69	18.82	18.71	20	0
15	64QAM	1	74	18.65	18.72	18.65		
15	64QAM	36	0	18.68	18.79	18.73		
15	64QAM	36	20	18.71	18.80	18.73	20	0
15	64QAM	36	39	18.73	18.76	18.66		
15	64QAM	75	0	18.70	18.76	18.69		
15	256QAM	1	0	18.25	18.41	18.39		
15	256QAM	1	37	18.37	18.48	18.48	19.5	0.5
15	256QAM	1	74	18.41	18.48	18.32		
15	256QAM	36	0	18.32	18.55	18.48		
15	256QAM	36	20	18.35	18.39	18.38	19.5	0.5
15	256QAM	36	39	18.35	18.39	18.34		
15	256QAM	75	0	18.36	18.41	18.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.85	18.97	18.89		
10	QPSK	1	25	18.84	18.87	18.82	20	0
10	QPSK	1	49	18.76	18.86	18.78		
10	QPSK	25	0	18.79	18.85	18.82		
10	QPSK	25	12	18.77	18.84	18.76	20	0
10	QPSK	25	25	18.77	18.83	18.75		
10	QPSK	50	0	18.75	18.84	18.76		
10	16QAM	1	0	18.71	18.83	18.70		
10	16QAM	1	25	18.79	18.85	18.76	20	0
10	16QAM	1	49	18.78	18.86	18.77		
10	16QAM	25	0	18.70	18.78	18.66		
10	16QAM	25	12	18.71	18.77	18.71	20	0
10	16QAM	25	25	18.66	18.73	18.68		
10	16QAM	50	0	18.66	18.74	18.62		
10	64QAM	1	0	18.69	18.76	18.66		
10	64QAM	1	25	18.72	18.81	18.71	20	0
10	64QAM	1	49	18.63	18.74	18.66		
10	64QAM	25	0	18.73	18.77	18.72		
10	64QAM	25	12	18.73	18.78	18.74	20	0
10	64QAM	25	25	18.73	18.77	18.66		
10	64QAM	50	0	18.67	18.75	18.70		
10	256QAM	1	0	18.24	18.40	18.39		
10	256QAM	1	25	18.38	18.47	18.49	19.5	0.5
10	256QAM	1	49	18.37	18.47	18.32		
10	256QAM	25	0	18.31	18.56	18.45		
10	256QAM	25	12	18.37	18.42	18.39	19.5	0.5
10	256QAM	25	25	18.32	18.40	18.31		
10	256QAM	50	0	18.33	18.41	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.86	18.97	18.86		
5	QPSK	1	12	18.80	18.87	18.79	20	0
5	QPSK	1	24	18.78	18.87	18.78		
5	QPSK	12	0	18.79	18.85	18.78		
5	QPSK	12	7	18.76	18.85	18.77	20	0
5	QPSK	12	13	18.72	18.86	18.77		
5	QPSK	25	0	18.74	18.84	18.75		
5	16QAM	1	0	18.73	18.82	18.71		
5	16QAM	1	12	18.77	18.86	18.76	20	0
5	16QAM	1	24	18.79	18.84	18.74		
5	16QAM	12	0	18.67	18.76	18.66		
5	16QAM	12	7	18.72	18.78	18.72	20	0
5	16QAM	12	13	18.64	18.72	18.69		
5	16QAM	25	0	18.67	18.72	18.63		
5	64QAM	1	0	18.73	18.78	18.70		
5	64QAM	1	12	18.70	18.82	18.74	20	0
5	64QAM	1	24	18.66	18.69	18.68		
5	64QAM	12	0	18.72	18.81	18.70		
5	64QAM	12	7	18.71	18.78	18.74	20	0
5	64QAM	12	13	18.69	18.79	18.69		
5	64QAM	25	0	18.67	18.77	18.68		
5	256QAM	1	0	18.23	18.41	18.36		
5	256QAM	1	12	18.36	18.46	18.48	19.5	0.5
5	256QAM	1	24	18.38	18.47	18.32		
5	256QAM	12	0	18.35	18.54	18.48		
5	256QAM	12	7	18.33	18.39	18.43	19.5	0.5
5	256QAM	12	13	18.33	18.40	18.35		
5	256QAM	25	0	18.33	18.42	18.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.86	18.94	18.87		
3	QPSK	1	8	18.80	18.87	18.80	20	0
3	QPSK	1	14	18.81	18.87	18.75		
3	QPSK	8	0	18.77	18.87	18.78		
3	QPSK	8	4	18.79	18.84	18.78	20	0
3	QPSK	8	7	18.74	18.85	18.77		
3	QPSK	15	0	18.72	18.84	18.76		
3	16QAM	1	0	18.72	18.84	18.75		
3	16QAM	1	8	18.79	18.87	18.78	20	0
3	16QAM	1	14	18.78	18.86	18.73		
3	16QAM	8	0	18.69	18.78	18.66		
3	16QAM	8	4	18.70	18.78	18.72	20	0
3	16QAM	8	7	18.66	18.72	18.66		
3	16QAM	15	0	18.63	18.76	18.67		
3	64QAM	1	0	18.73	18.77	18.69		
3	64QAM	1	8	18.71	18.79	18.74	20	0
3	64QAM	1	14	18.66	18.71	18.65		
3	64QAM	8	0	18.69	18.79	18.68		
3	64QAM	8	4	18.74	18.78	18.74	20	0
3	64QAM	8	7	18.73	18.77	18.64		
3	64QAM	15	0	18.66	18.73	18.68		
3	256QAM	1	0	18.23	18.41	18.38		
3	256QAM	1	8	18.38	18.47	18.48	19.5	0.5
3	256QAM	1	14	18.37	18.46	18.35		
3	256QAM	8	0	18.32	18.51	18.46		
3	256QAM	8	4	18.34	18.41	18.39	19.5	0.5
3	256QAM	8	7	18.32	18.40	18.34		
3	256QAM	15	0	18.37	18.39	18.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.84	18.93	18.88		
1.4	QPSK	1	3	18.84	18.89	18.79		
1.4	QPSK	1	5	18.79	18.84	18.76	20	0
1.4	QPSK	3	0	18.76	18.87	18.80		
1.4	QPSK	3	1	18.74	18.85	18.75		
1.4	QPSK	3	3	18.77	18.85	18.80		
1.4	QPSK	6	0	18.74	18.84	18.77	20	0
1.4	16QAM	1	0	18.73	18.79	18.72		
1.4	16QAM	1	3	18.78	18.87	18.77		
1.4	16QAM	1	5	18.74	18.86	18.72	20	0
1.4	16QAM	3	0	18.68	18.78	18.66		
1.4	16QAM	3	1	18.71	18.78	18.68		
1.4	16QAM	3	3	18.67	18.73	18.66		
1.4	16QAM	6	0	18.62	18.75	18.63	20	0
1.4	64QAM	1	0	18.69	18.77	18.66		
1.4	64QAM	1	3	18.68	18.78	18.69		
1.4	64QAM	1	5	18.62	18.70	18.68	20	0
1.4	64QAM	3	0	18.72	18.78	18.70		
1.4	64QAM	3	1	18.73	18.75	18.71		
1.4	64QAM	3	3	18.73	18.78	18.66		
1.4	64QAM	6	0	18.67	18.73	18.67	20	0
1.4	256QAM	1	0	18.23	18.41	18.41		
1.4	256QAM	1	3	18.36	18.47	18.48		
1.4	256QAM	1	5	18.41	18.48	18.33	19.5	0.5
1.4	256QAM	3	0	18.33	18.53	18.45		
1.4	256QAM	3	1	18.35	18.39	18.41		
1.4	256QAM	3	3	18.32	18.39	18.33		
1.4	256QAM	6	0	18.32	18.40	18.42	19.5	0.5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65		
10	QPSK	1	25	24.55	24.56	24.64	25.5	0
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.66	23.64		
10	QPSK	25	12	23.53	23.52	23.62	24.5	1
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82		
10	16QAM	1	25	23.73	23.82	23.81	24.5	1
10	16QAM	1	49	23.74	23.81	23.82		
10	16QAM	25	0	22.45	22.55	22.67		
10	16QAM	25	12	22.50	22.63	22.66	23.5	2
10	16QAM	25	25	22.61

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.76	14.85	14.75	16	0
20	QPSK	1	49	14.73	14.81	14.71		
20	QPSK	1	99	14.67	14.77	14.68		
20	QPSK	50	0	14.74	14.80	14.72	16	0
20	QPSK	50	24	14.71	14.76	14.70		
20	QPSK	50	50	14.73	14.78	14.70		
20	QPSK	100	0	14.69	14.77	14.70		
20	16QAM	1	0	14.68	14.75	14.69	16	0
20	16QAM	1	49	14.72	14.78	14.69		
20	16QAM	1	99	14.71	14.77	14.72		
20	16QAM	50	0	14.70	14.79	14.73	16	0
20	16QAM	50	24	14.68	14.76	14.68		
20	16QAM	50	50	14.69	14.76	14.68		
20	16QAM	100	0	14.71	14.78	14.69		
20	64QAM	1	0	14.72	14.80	14.71	16	0
20	64QAM	1	49	14.70	14.75	14.67		
20	64QAM	1	99	14.70	14.79	14.69		
20	64QAM	50	0	14.70	14.77	14.72	16	0
20	64QAM	50	24	14.64	14.71	14.62		
20	64QAM	50	50	14.66	14.74	14.68		
20	64QAM	100	0	14.67	14.76	14.68		
20	256QAM	1	0	14.71	14.76	14.66	16	0
20	256QAM	1	49	14.66	14.76	14.67		
20	256QAM	1	99	14.73	14.78	14.73		
20	256QAM	50	0	14.70	14.77	14.67	16	0
20	256QAM	50	24	14.69	14.75	14.68		
20	256QAM	50	50	14.71	14.80	14.72		
20	256QAM	100	0	14.66	14.75	14.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.70	14.77	14.67	16	0
15	QPSK	1	37	14.67	14.74	14.64		
15	QPSK	1	74	14.59	14.71	14.59		
15	QPSK	36	0	14.62	14.70	14.61	16	0
15	QPSK	36	20	14.65	14.74	14.63		
15	QPSK	36	39	14.65	14.72	14.67		
15	QPSK	75	0	14.64	14.72	14.64		
15	16QAM	1	0	14.65	14.69	14.64	16	0
15	16QAM	1	37	14.65	14.71	14.59		
15	16QAM	1	74	14.62	14.72	14.62		
15	16QAM	36	0	14.63	14.73	14.65	16	0
15	16QAM	36	20	14.58	14.68	14.57		
15	16QAM	36	39	14.61	14.71	14.59		
15	16QAM	75	0	14.63	14.73	14.64		
15	64QAM	1	0	14.62	14.72	14.66	16	0
15	64QAM	1	37	14.65	14.67	14.59		
15	64QAM	1	74	14.65	14.74	14.64		
15	64QAM	36	0	14.61	14.70	14.66	16	0
15	64QAM	36	20	14.55	14.66	14.55		
15	64QAM	36	39	14.59	14.65	14.60		
15	64QAM	75	0	14.58	14.70	14.61		
15	256QAM	1	0	14.65	14.69	14.56	16	0
15	256QAM	1	37	14.61	14.66	14.61		
15	256QAM	1	74	14.64	14.71	14.67		
15	256QAM	36	0	14.62	14.69	14.57	16	0
15	256QAM	36	20	14.61	14.68	14.59		
15	256QAM	36	39	14.63	14.73	14.63		
15	256QAM	75	0	14.59	14.69	14.61		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.70	14.76	14.70	16	0
10	QPSK	1	25	14.67	14.76	14.64		
10	QPSK	1	49	14.58	14.67	14.61		
10	QPSK	25	0	14.61	14.71	14.64	16	0
10	QPSK	25	12	14.64	14.71	14.63		
10	QPSK	25	25	14.66	14.72	14.66		
10	QPSK	50	0	14.60	14.68	14.62		
10	16QAM	1	0	14.58	14.68	14.60	16	0
10	16QAM	1	25	14.63	14.70	14.60		
10	16QAM	1	49	14.63	14.67	14.65		
10	16QAM	25	0	14.61	14.74	14.68	16	0
10	16QAM	25	12	14.58	14.67	14.57		
10	16QAM	25	25	14.62	14.66	14.60		
10	16QAM	50	0	14.64	14.71	14.61		
10	64QAM	1	0	14.62	14.74	14.62	16	0
10	64QAM	1	25	14.61	14.68	14.62		
10	64QAM	1	49	14.64	14.71	14.64		
10	64QAM	25	0	14.60	14.69	14.67	16	0
10	64QAM	25	12	14.58	14.64	14.64		
10	64QAM	25	25	14.59	14.66	14.63		
10	64QAM	50	0	14.60	14.71	14.58		
10	256QAM	1	0	14.65	14.71	14.61	16	0
10	256QAM	1	25	14.62	14.68	14.62		
10	256QAM	1	49	14.65	14.72	14.68		
10	256QAM	25	0	14.65	14.69	14.61	16	0
10	256QAM	25	12	14.63	14.65	14.61		
10	256QAM	25	25	14.62	14.63	14.63		
10	256QAM	50	0	14.59	14.66	14.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.71	14.79	14.65	16	0
5	QPSK	1	12	14.63	14.71	14.62		
5	QPSK	1	24	14.66	14.69	14.59		
5	QPSK	12	0	14.61	14.70	14.61	16	0
5	QPSK	12	7	14.67	14.73	14.65		
5	QPSK	12	13	14.63	14.68	14.67		
5	QPSK	25	0	14.59	14.67	14.60		
5	16QAM	1	0	14.61	14.65	14.59	16	0
5	16QAM	1	12	14.63	14.69	14.62		
5	16QAM	1	24	14.65	14.70	14.62		
5	16QAM	12	0	14.63	14.69	14.63	16	0
5	16QAM	12	7	14.62	14.66	14.56		
5	16QAM	12	13	14.61	14.66	14.57		
5	16QAM	25	0	14.65	14.72	14.63		
5	64QAM	1	0	14.63	14.70	14.65	16	0
5	64QAM	1	12	14.60	14.66	14.59		
5	64QAM	1	24	14.63	14.73	14.64		
5	64QAM	12	0	14.61	14.67	14.64	16	0
5	64QAM	12	7	14.54	14.61	14.57		
5	64QAM	12	13	14.60	14.64	14.61		
5	64QAM	25	0	14.62	14.69	14.59		
5	256QAM	1	0	14.61	14.68	14.56	16	0
5	256QAM	1	12	14.59	14.67	14.60		
5	256QAM	1	24	14.66	14.70	14.66		
5	256QAM	12	0	14.61	14.71	14.58	16	0
5	256QAM	12	7	14.61	14.67	14.58		
5	256QAM	12	13	14.66	14.74	14.63		
5	256QAM	25	0	14.63	14.68	14.59		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.32	24.41	24.39	25.5	0
20	QPSK	1	49	24.25	24.36	24.34		
20	QPSK	1	99	24.19	24.34	24.31		
20	QPSK	50	0	23.39	23.46	23.41	24.5	1
20	QPSK	50	24	23.24	23.35	23.35		
20	QPSK	50	50	23.31	23.41	23.36		
20	QPSK	100	0	23.23	23.39	23.38		
20	16QAM	1	0	23.32	23.41	23.54	24.5	1
20	16QAM	1	49	23.47	23.58	23.55		
20	16QAM	1	99	23.50	23.61	23.54		
20	16QAM	50	0	22.17	22.42	22.41	23.5	2
20	16QAM	50	24	22.20	22.41	22.33		
20	16QAM	50	50	22.39	22.41	22.32		
20	16QAM	100	0	22.21	22.35	22.36		
20	64QAM	1	0	22.28	22.43	22.47	23.5	2
20	64QAM	1	49	22.40	22.52	22.47		
20	64QAM	1	99	22.42	22.54	22.49		
20	64QAM	50	0	21.16	21.44	21.41	22.5	3
20	64QAM	50	24	21.18	21.42	21.32		
20	64QAM	50	50	21.35	21.40	21.35		
20	64QAM	100	0	21.21	21.36	21.35		
20	256QAM	1	0	19.23	19.34	19.31	20.5	5
20	256QAM	1	49	19.28	19.33	19.27		
20	256QAM	1	99	19.43	19.47	19.35		
20	256QAM	50	0	19.20	19.31	19.24	20.5	5
20	256QAM	50	24	19.23	19.33	19.29		
20	256QAM	50	50	19.21	19.28	19.22		
20	256QAM	100	0	19.16	19.25	19.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.30	24.30	25.5	0
15	QPSK	1	37	24.19	24.24	24.32		
15	QPSK	1	74	24.09	24.28	24.20		
15	QPSK	36	0	23.27	23.32	23.33	24.5	1
15	QPSK	36	20	23.17	23.26	23.24		
15	QPSK	36	39	23.26	23.37	23.29		
15	QPSK	75	0	23.17	23.34	23.26		
15	16QAM	1	0	23.20	23.31	23.43	24.5	1
15	16QAM	1	37	23.43	23.53	23.50		
15	16QAM	1	74	23.41	23.49	23.44		
15	16QAM	36	0	22.08	22.22	22.29	23.5	2
15	16QAM	36	20	22.19	22.35	22.27		
15	16QAM	36	39	22.27	22.32	22.27		
15	16QAM	75	0	22.13	22.28	22.25		
15	64QAM	1	0	22.20	22.34	22.46	23.5	2
15	64QAM	1	37	22.34	22.50	22.42		
15	64QAM	1	74	22.30	22.51	22.42		
15	64QAM	36	0	21.13	21.34	21.38	22.5	3
15	64QAM	36	20	21.09	21.39	21.23		
15	64QAM	36	39	21.23	21.36	21.27		
15	64QAM	75	0	21.12	21.36	21.24		
15	256QAM	1	0	19.11	19.25	19.26	20.5	5
15	256QAM	1	37	19.27	19.27	19.26		
15	256QAM	1	74	19.37	19.38	19.32		
15	256QAM	36	0	19.14	19.28	19.17	20.5	5
15	256QAM	36	20	19.18	19.25	19.27		
15	256QAM	36	39	19.13	19.24	19.13		
15	256QAM	75	0	19.10	19.19	19.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.22	24.29	24.35	25.5	0
10	QPSK	1	25	24.24	24.31	24.28		
10	QPSK	1	49	24.13	24.32	24.26		
10	QPSK	25	0	23.34	23.42	23.36	24.5	1
10	QPSK	25	12	23.20	23.28	23.29		
10	QPSK	25	25	23.24	23.33	23.35		
10	QPSK	50	0	23.20	23.28	23.37		
10	16QAM	1	0	23.31	23.32	23.49	24.5	1
10	16QAM	1	25	23.38	23.53	23.53		
10	16QAM	1	49	23.48	23.54	23.44		
10	16QAM	25	0	22.10	22.39	22.35	23.5	2
10	16QAM	25	12	22.19	22.29	22.29		
10	16QAM	25	25	22.31	22.40	22.26		
10	16QAM	50	0	22.13	22.28	22.31		
10	64QAM	1	0	22.21	22.41	22.41	23.5	2
10	64QAM	1	25	22.29	22.46	22.46		
10	64QAM	1	49	22.39	22.46	22.42		
10	64QAM	25	0	21.07	21.42	21.29	22.5	3
10	64QAM	25	12	21.18	21.32	21.20		
10	64QAM	25	25	21.27	21.30	21.34		
10	64QAM	50	0	21.15	21.26	21.28		
10	256QAM	1	0	19.16	19.27	19.26	20.5	5
10	256QAM	1	25	19.18	19.30	19.19		
10	256QAM	1	49	19.39	19.46	19.32		
10	256QAM	25	0	19.13	19.28	19.12	20.5	5
10	256QAM	25	12	19.17	19.30	19.26		
10	256QAM	25	25	19.19	19.31	19.24		
10	256QAM	50	0	19.08	19.15	19.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.31	24.39	24.28	25.5	0
5	QPSK	1	12	24.24	24.31	24.24		
5	QPSK	1	24	24.08	24.27	24.26		
5	QPSK	12	0	23.27	23.37	23.33	24.5	1
5	QPSK	12	7	23.20	23.32	23.26		
5	QPSK	12	13	23.25	23.40	23.27		
5	QPSK	25	0	23.12	23.31	23.36		
5	16QAM	1	0	23.28	23.35	23.45	24.5	1
5	16QAM	1	12	23.40	23.50	23.44		
5	16QAM	1	24	23.36	23.50	23.49		
5	16QAM	12	0	22.16	22.40	22.38	23.5	2
5	16QAM	12	7	22.08	22.32	22.30		
5	16QAM	12	13	22.27	22.31	22.28		
5	16QAM	25	0	22.15	22.23	22.28		
5	64QAM	1	0	22.24	22.39	22.35	23.5	2
5	64QAM	1	12	22.38	22.51	22.43		
5	64QAM	1	24	22.34	22.42	22.38		
5	64QAM	12	0	21.06	21.39	21.37	22.5	3
5	64QAM	12	7	21.17	21.46	21.22		
5	64QAM	12	13	21.23	21.35	21.24		
5	64QAM	25	0	21.18	21.24	21.30		
5	256QAM	1	0	19.21	19.30	19.28	20.5	5
5	256QAM	1	12	19.27	19.25	19.18		
5	256QAM	1	24	19.38	19.46	19.24		
5	256QAM	12	0	19.09	19.29	19.20	20.5	5
5	256QAM	12	7	19.20	19.32	19.19		
5	256QAM	12	13	19.16	19.27	19.15		
5	256QAM	25	0	19.07	19.18	19.11		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.27	16.47	16.31	17.5	0
20	QPSK	1	49	16.18	16.17	16.07		
20	QPSK	1	99	16.16	16.34	16.25		
20	QPSK	50	0	16.33	16.38	16.35	17.5	0
20	QPSK	50	24	16.12	16.31	16.05		
20	QPSK	50	50	16.18	15.99	16.24		
20	QPSK	100	0	16.28	16.31	16.10		
20	16QAM	1	0	16.26	16.10	16.28	17.5	0
20	16QAM	1	49	16.10	16.19	16.23		
20	16QAM	1	99	16.13	16.29	16.19		
20	16QAM	50	0	16.23	16.03	16.05	17.5	0
20	16QAM	50	24	16.31	16.23	16.01		
20	16QAM	50	50	16.23	16.18	15.96		
20	16QAM	100	0	16.23	16.12	16.03		
20	64QAM	1	0	16.08	16.08	16.25	17.5	0
20	64QAM	1	49	16.29	16.07	16.26		
20	64QAM	1	99	16.30	16.20	16.25		
20	64QAM	50	0	16.09	16.10	16.14	17.5	0
20	64QAM	50	24	16.22	16.19	16.16		
20	64QAM	50	50	16.18	16.01	16.07		
20	64QAM	100	0	16.14	16.23	15.95		
20	256QAM	1	0	16.06	15.91	16.04	17.5	0
20	256QAM	1	49	15.90	15.94	15.93		
20	256QAM	1	99	16.00	16.05	15.98		
20	256QAM	50	0	16.01	16.08	16.00	17.5	0
20	256QAM	50	24	16.16	15.93	16.04		
20	256QAM	50	50	15.98	16.11	16.09		
20	256QAM	100	0	16.11	16.13	16.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.06	16.25	16.03	17.5	0
15	QPSK	1	37	16.08	15.90	15.86		
15	QPSK	1	74	15.96	16.21	16.10		
15	QPSK	36	0	16.16	16.15	16.08	17.5	0
15	QPSK	36	20	15.97	16.04	15.94		
15	QPSK	36	39	15.99	15.73	16.10		
15	QPSK	75	0	16.10	16.13	15.94		
15	16QAM	1	0	16.03	15.85	16.13	17.5	0
15	16QAM	1	37	15.85	15.99	15.98		
15	16QAM	1	74	15.86	16.19	16.00		
15	16QAM	36	0	15.85	15.95	15.85	17.5	0
15	16QAM	36	20	16.13	16.10	15.78		
15	16QAM	36	39	16.12	15.98	15.80		
15	16QAM	75	0	15.99	15.89	15.85		
15	64QAM	1	0	15.87	15.89	15.95	17.5	0
15	64QAM	1	37	16.13	15.77	15.98		
15	64QAM	1	74	16.19	16.09	16.09		
15	64QAM	36	0	15.91	15.91	15.94	17.5	0
15	64QAM	36	20	15.95	16.00	15.90		
15	64QAM	36	39	15.89	15.80	15.93		
15	64QAM	75	0	15.95	16.11	15.79		
15	256QAM	1	0	15.94	15.69	15.90	17.5	0
15	256QAM	1	37	15.71	15.72	15.78		
15	256QAM	1	74	15.81	15.81	15.81		
15	256QAM	36	0	15.90	15.95	15.84	17.5	0
15	256QAM	36	20	15.92	15.78	15.84		
15	256QAM	36	39	15.77	15.83	15.94		
15	256QAM	75	0	15.95	15.79	15.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.03	16.15	16.09	17.5	0
10	QPSK	1	25	15.90	15.99	15.86		
10	QPSK	1	49	16.03	16.04	16.05		
10	QPSK	25	0	16.14	16.09	16.08	17.5	0
10	QPSK	25	12	15.91	16.15	15.90		
10	QPSK	25	25	15.98	15.86	16.00		
10	QPSK	50	0	16.01	16.10	15.91		
10	16QAM	1	0	16.02	15.88	15.98	17.5	0
10	16QAM	1	25	15.90	16.01	15.95		
10	16QAM	1	49	15.87	16.12	15.94		
10	16QAM	25	0	15.93	15.79	15.75	17.5	0
10	16QAM	25	12	16.14	16.01	15.81		
10	16QAM	25	25	15.96	15.92	15.86		
10	16QAM	50	0	15.97	15.93	15.86		
10	64QAM	1	0	15.83	15.87	16.08	17.5	0
10	64QAM	1	25	16.12	15.93	16.05		
10	64QAM	1	49	16.07	16.08	15.98		
10	64QAM	25	0	15.99	15.81	15.86	17.5	0
10	64QAM	25	12	16.01	16.09	15.91		
10	64QAM	25	25	16.06	15.82	15.88		
10	64QAM	50	0	16.02	16.01	15.70		
10	256QAM	1	0	15.94	15.74	15.91	17.5	0
10	256QAM	1	25	15.75	15.84	15.75		
10	256QAM	1	49	15.75	15.90	15.85		
10	256QAM	25	0	15.81	15.83	15.80	17.5	0
10	256QAM	25	12	15.98	15.77	15.82		
10	256QAM	25	25	15.91	15.91	15.91		
10	256QAM	50	0	15.91	15.76	15.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.97	16.14	16.15	17.5	0
5	QPSK	1	12	16.05	15.93	15.84		
5	QPSK	1	24	15.97	16.08	15.99		
5	QPSK	12	0	16.02	16.23	16.03	17.5	0
5	QPSK	12	7	15.99	16.13	15.77		
5	QPSK	12	13	15.92	15.86	16.01		
5	QPSK	25	0	15.97	16.09	15.79		
5	16QAM	1	0	16.04	15.99	16.00	17.5	0
5	16QAM	1	12	16.00	15.93	15.99		
5	16QAM	1	24	15.88	16.10	15.97		
5	16QAM	12	0	16.00	15.78	15.92	17.5	0
5	16QAM	12	7	16.14	16.06	15.72		
5	16QAM	12	13	16.10	16.02	15.77		
5	16QAM	25	0	15.96	15.84	15.91		
5	64QAM	1	0	15.85	15.79	16.07	17.5	0
5	64QAM	1	12	16.19	15.90	16.14		
5	64QAM	1	24	16.13	16.02	16.11		
5	64QAM	12	0	15.91	16.00	15.88	17.5	0
5	64QAM	12	7	15.93	16.09	15.99		
5	64QAM	12	13	16.02	15.88	15.83		
5	64QAM	25	0	15.98	16.07	15.73		
5	256QAM	1	0	15.86	15.79	15.76	17.5	0
5	256QAM	1	12	15.80	15.69	15.75		
5	256QAM	1	24	15.79	15.83	15.81		
5	256QAM	12	0	15.87	15.95	15.83	17.5	0
5	256QAM	12	7	15.86	15.77	15.87		
5	256QAM	12	13	15.82	15.84	15.79		
5	256QAM	25	0	15.93	15.70	15.93		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.45	16.64	16.47	17.5	0
20	QPSK	1	49	16.43	16.53	16.44		
20	QPSK	1	99	16.43	16.56	16.42		
20	QPSK	50	0	16.41	16.50	16.42	17.5	0
20	QPSK	50	24	16.33	16.38	16.35		
20	QPSK	50	50	16.37	16.46	16.37		
20	QPSK	100	0	16.32	16.36	16.35		
20	16QAM	1	0	16.45	16.42	16.46	17.5	0
20	16QAM	1	49	16.34	16.53	16.55		
20	16QAM	1	99	16.48	16.30	16.56		
20	16QAM	50	0	16.31	16.41	16.44	17.5	0
20	16QAM	50	24	16.35	16.40

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.86	25.5	0
15	QPSK	1	37	24.64	24.67	24.61		
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.81	24.5	1
15	QPSK	36	20	23.60	23.62	23.60		
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87	24.5	1
15	16QAM	1	37	23.79	23.87	23.91		
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74	23.5	2
15	16QAM	36	20	22.57	22.59	22.68		
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79	23.5	2
15	64QAM	1	37	22.75	22.78	22.83		
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72	22.5	3
15	64QAM	36	20	21.56	21.57	21.69		
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.52	21.56	21.70		
15	256QAM	1	0	19.60	19.62	19.60	20.5	5
15	256QAM	1	37	19.52	19.58	19.49		
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.50	19.57	19.55	20.5	5
15	256QAM	36	20	19.51	19.57	19.54		
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.51	19.57	19.59		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.63	24.58	24.56	25.5	0
10	QPSK	1	25	24.52	24.65	24.50		
10	QPSK	1	49	24.48	24.56	24.55		
10	QPSK	25	0	23.58	23.62	23.56	24.5	1
10	QPSK	25	12	23.51	23.58	23.57		
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.52	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81	24.5	1
10	16QAM	1	25	23.71	23.84	23.85		
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.60	22.44	22.65	23.5	2
10	16QAM	25	12	22.52	22.48	22.58		
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77	23.5	2
10	64QAM	1	25	22.66	22.71	22.78		
10	64QAM	1	49	22.64	22.72	22.76		
10	64QAM	25	0	21.47	21.47	21.70	22.5	3
10	64QAM	25	12	21.49	21.47	21.58		
10	64QAM	25	25	21.55	21.54	21.59		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52	20.5	5
10	256QAM	1	25	19.43	19.49	19.48		
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49	20.5	5
10	256QAM	25	12	19.44	19.48	19.47		
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59	25.5	0
5	QPSK	1	12	24.54	24.57	24.52		
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57	24.5	1
5	QPSK	12	7	23.57	23.53	23.56		
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84	24.5	1
5	16QAM	1	12	23.71	23.85	23.81		
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.72	22.72	23.5	2
5	16QAM	12	7	22.47	22.50	22.57		
5	16QAM	12	13	22.46	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.62	22.63	22.67	23.5	2
5	64QAM	1	12	22.67	22.67	22.80		
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69	22.5	3
5	64QAM	12	7	21.52	21.46	21.57		
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.50	20.5	5
5	256QAM	1	12	19.51	19.49	19.52		
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49	20.5	5
5	256QAM	12	7	19.49	19.50	19.49		
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56	25.5	0
3	QPSK	1	8	24.62	24.55	24.59		
3	QPSK	1	14	24.46	24.54	24.59		
3	QPSK	8	0	23.55	23.56	23.66	24.5	1
3	QPSK	8	4	23.50	23.53	23.52		
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.46	23.46		
3	16QAM	1	0	23.68	23.70	23.83	24.5	1
3	16QAM	1	8	23.69	23.82	23.82		
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.54	22.68	23.5	2
3	16QAM	8	4	22.53	22.51	22.62		
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.70	22.72	22.71	23.5	2
3	64QAM	1	8	22.66	22.71	22.82		
3	64QAM	1	14	22.65	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71	22.5	3
3	64QAM	8	4	21.46	21.53	21.58		
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52	20.5	5
3	256QAM	1	8	19.49	19.53	19.40		
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51	20.5	5
3	256QAM	8	4	19.46	19.47	19.51		
3	256QAM	8	7	19.46	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.83	25.5	0
1.4	QPSK	1	3	24.48	24.58	24.58		
1.4	QPSK	1	5	24.47	24.61	24.63		
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.46	24.57	24.52		
1.4	QPSK	6	0	23.55	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81	24.5	1
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.89		
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.46	22.55	22.72	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67	23.5	2
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71		
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.80		
1.4	64QAM	3	3	22.67	22.66	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53	20.5	5
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50		
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.46	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.83	19.96	19.86	21.5	0
15	QPSK	1	37	19.78	19.81	19.81		
15	QPSK	1	74	19.75	19.85	19.80		
15	QPSK	36	0	19.73	19.86	19.71	21.5	0
15	QPSK	36	20	19.64	19.78	19.62		
15	QPSK	36	39	19.65	19.74	19.68		
15	QPSK	75	0	19.61	19.76	19.59		
15	16QAM	1	0	19.60	19.78	19.66	21.5	0
15	16QAM	1	37	19.65	19.80	19.69		
15	16QAM	1	74	19.72	19.81	19.68		
15	16QAM	36	0	19.69	19.74	19.81	21.5	0
15	16QAM	36	20	19.69	19.84	19.60		
15	16QAM	36	39	19.69	19.80	19.65		
15	16QAM	75	0	19.66	19.79	19.59		
15	64QAM	1	0	19.64	19.74	19.65	21.5	0
15	64QAM	1	37	19.64	19.75	19.62		
15	64QAM	1	74	19.61	19.84	19.66		
15	64QAM	36	0	19.72	19.81	19.65	21.5	0
15	64QAM	36	20	19.59	19.76	19.65		
15	64QAM	36	39	19.71	19.85	19.70		
15	64QAM	75	0	19.63	19.71	19.64		
15	256QAM	1	0	18.69	18.77	18.56	20.5	1
15	256QAM	1	37	18.70	18.74	18.60		
15	256QAM	1	74	18.58	18.75	18.64		
15	256QAM	36	0	18.68	18.83	18.63	20.5	1
15	256QAM	36	20	18.71	18.76	18.66		
15	256QAM	36	39	18.61	18.74	18.61		
15	256QAM	75	0	18.71	18.77	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.70	19.95	19.71	21.5	0
10	QPSK	1	25	19.70	19.70	19.72		
10	QPSK	1	49	19.62	19.77	19.75		
10	QPSK	25	0	19.65	19.71	19.62	21.5	0
10	QPSK	25	12	19.62	19.66	19.53		
10	QPSK	25	25	19.51	19.67	19.66		
10	QPSK	50	0	19.68	19.65	19.52		
10	16QAM	1	0	19.68	19.74	19.65	21.5	0
10	16QAM	1	25	19.61	19.85	19.56		
10	16QAM	1	49	19.71	19.71	19.56		
10	16QAM	25	0	19.56	19.66	19.56	21.5	0
10	16QAM	25	12	19.59	19.73	19.59		
10	16QAM	25	25	19.63	19.78	19.56		
10	16QAM	50	0	19.65	19.74	19.55		
10	64QAM	1	0	19.54	19.63	19.60	21.5	0
10	64QAM	1	25	19.53	19.70	19.52		
10	64QAM	1	49	19.57	19.83	19.64		
10	64QAM	25	0	19.70	19.66	19.52	21.5	0
10	64QAM	25	12	19.66	19.63	19.58		
10	64QAM	25	25	19.67	19.77	19.64		
10	64QAM	50	0	19.52	19.67	19.57		
10	256QAM	1	0	18.54	18.66	18.53	20.5	1
10	256QAM	1	25	18.62	18.67	18.57		
10	256QAM	1	49	18.58	18.81	18.63		
10	256QAM	25	0	18.53	18.82	18.61	20.5	1
10	256QAM	25	12	18.59	18.67	18.51		
10	256QAM	25	25	18.54	18.65	18.55		
10	256QAM	50	0	18.62	18.63	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.72	19.84	19.81	21.5	0
5	QPSK	1	12	19.72	19.71	19.71		
5	QPSK	1	24	19.73	19.80	19.70		
5	QPSK	12	0	19.65	19.75	19.66	21.5	0
5	QPSK	12	7	19.59	19.67	19.60		
5	QPSK	12	13	19.56	19.68	19.60		
5	QPSK	25	0	19.67	19.67	19.57		
5	16QAM	1	0	19.66	19.81	19.62	21.5	0
5	16QAM	1	12	19.63	19.71	19.64		
5	16QAM	1	24	19.65	19.71	19.58		
5	16QAM	12	0	19.56	19.59	19.66	21.5	0
5	16QAM	12	7	19.64	19.82	19.58		
5	16QAM	12	13	19.59	19.79	19.59		
5	16QAM	25	0	19.59	19.64	19.54		
5	64QAM	1	0	19.58	19.68	19.61	21.5	0
5	64QAM	1	12	19.62	19.69	19.50		
5	64QAM	1	24	19.51	19.78	19.53		
5	64QAM	12	0	19.66	19.74	19.53	21.5	0
5	64QAM	12	7	19.65	19.74	19.58		
5	64QAM	12	13	19.68	19.81	19.58		
5	64QAM	25	0	19.51	19.61	19.69		
5	256QAM	1	0	18.66	18.67	18.53	20.5	1
5	256QAM	1	12	18.61	18.59	18.62		
5	256QAM	1	24	18.51	18.64	18.56		
5	256QAM	12	0	18.60	18.76	18.57	20.5	1
5	256QAM	12	7	18.60	18.64	18.58		
5	256QAM	12	13	18.60	18.72	18.54		
5	256QAM	25	0	18.61	18.75	18.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.74	19.88	19.85	21.5	0
3	QPSK	1	8	19.75	19.71	19.72		
3	QPSK	1	14	19.60	19.76	19.71		
3	QPSK	8	0	19.59	19.84	19.60	21.5	0
3	QPSK	8	4	19.56	19.76	19.67		
3	QPSK	8	7	19.56	19.62	19.59		
3	QPSK	15	0	19.66	19.83	19.65		
3	16QAM	1	0	19.52	19.65	19.52	21.5	0
3	16QAM	1	8	19.60	19.69	19.68		
3	16QAM	1	14	19.61	19.79	19.60		
3	16QAM	8	0	19.56	19.68	19.67	21.5	0
3	16QAM	8	4	19.67	19.82	19.69		
3	16QAM	8	7	19.54	19.66	19.64		
3	16QAM	15	0	19.65	19.71	19.54		
3	64QAM	1	0	19.69	19.87	19.51	21.5	0
3	64QAM	1	8	19.59	19.84	19.55		
3	64QAM	1	14	19.59	19.81	19.61		
3	64QAM	8	0	19.71	19.70	19.59	21.5	0
3	64QAM	8	4	19.69	19.83	19.50		
3	64QAM	8	7	19.66	19.80	19.58		
3	64QAM	15	0	19.59	19.63	19.61		
3	256QAM	1	0	18.66	18.74	18.59	20.5	1
3	256QAM	1	8	18.67	18.64	18.58		
3	256QAM	1	14	18.56	18.71	18.55		
3	256QAM	8	0	18.67	18.78	18.56	20.5	1
3	256QAM	8	4	18.64	18.73	18.52		
3	256QAM	8	7	18.52	18.67	18.56		
3	256QAM	15	0	18.62	18.73	18.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.82	19.88	19.84	21.5	0
1.4	QPSK	1	3	19.64	19.70	19.71		
1.4	QPSK	1	5	19.73	19.72	19.71		
1.4	QPSK	3	0	19.62	19.75	19.58		
1.4	QPSK	3	1	19.53	19.65	19.50		
1.4	QPSK	3	3	19.56	19.73	19.53		
1.4	QPSK	6	0	19.52	19.74	19.51	21.5	0
1.4	16QAM	1	0	19.58	19.70	19.54	21.5	0
1.4	16QAM	1	3	19.61	19.68	19.61		
1.4	16QAM	1	5	19.61	19.72	19.67		
1.4	16QAM	3	0	19.57	19.81	19.57		
1.4	16QAM	3	1	19.57	19.81	19.55		
1.4	16QAM	3	3	19.68	19.72	19.59		
1.4	16QAM	6	0	19.60	19.68	19.57	21.5	0
1.4	64QAM	1	0	19.61	19.71	19.52	21.5	0
1.4	64QAM	1	3	19.54	19.89	19.53		
1.4	64QAM	1	5	19.51	19.80	19.60		
1.4	64QAM	3	0	19.58	19.73	19.59		
1.4	64QAM	3	1	19.51	19.73	19.50		
1.4	64QAM	3	3	19.66	19.72	19.62		
1.4	64QAM	6	0	19.55	19.59	19.51	21.5	0
1.4	256QAM	1	0	18.68	18.76	18.54	20.5	1
1.4	256QAM	1	3	18.59	18.67	18.50		
1.4	256QAM	1	5	18.57	18.73	18.63		
1.4	256QAM	3	0	18.64	18.77	18.61		
1.4	256QAM	3	1	18.63	18.65	18.56		
1.4	256QAM	3	3	18.56	18.63	18.50		
1.4	256QAM	6	0	18.65	18.76	18.54	20.5	1

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.50	12.62	12.51	14	0
20	QPSK	1	49	12.45	12.49	12.45		
20	QPSK	1	99	12.36	12.50	12.35		
20	QPSK	50	0	12.47	12.37	12.48	14	0
20	QPSK	50	24	12.46	12.38	12.38		
20	QPSK	50	50	12.44	12.47	12.41		
20	QPSK	100	0	12.35	12.47	12.43		
20	16QAM	1	0	12.46	12.44	12.44	14	0
20	16QAM	1	49	12.46	12.40	12.51		
20	16QAM	1	99	12.44	12.35	12.39		
20	16QAM	50	0	12.37	12.49	12.35	14	0
20	16QAM	50	24	12.37	12.38	12.46		
20	16QAM	50	50	12.43	12.42	12.41		
20	16QAM	100	0	12.52	12.40	12.41		
20	64QAM	1	0	12.38	12.46	12.44	14	0
20	64QAM	1	49	12.44	12.43	12.40		
20	64QAM	1	99	12.44	12.44	12.39		
20	64QAM	50	0	12.41	12.44	12.37	14	0
20	64QAM	50	24	12.43	12.39	12.43		
20	64QAM	50	50	12.44	12.46	12.33		
20	64QAM	100	0	12.47	12.45	12.42		
20	256QAM	1	0	12.30	12.29	12.24	14	0
20	256QAM	1	49	12.31	12.34	12.42		
20	256QAM	1	99	12.42	12.38	12.47		
20	256QAM	50	0	12.41	12.40	12.43	14	0
20	256QAM	50	24	12.32	12.37	12.37		
20	256QAM	50	50	12.44	12.45	12.36		
20	256QAM	100	0	12.44	12.46	12.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.36	12.61	12.46	14	0
15	QPSK	1	37	12.35	12.45	12.33		
15	QPSK	1	74	12.31	12.37	12.32		
15	QPSK	36	0	12.38	12.46	12.33	14	0
15	QPSK	36	20	12.40	12.32	12.29		
15	QPSK	36	39	12.39	12.33	12.28		
15	QPSK	75	0	12.31	12.40	12.30		
15	16QAM	1	0	12.34	12.32	12.41	14	0
15	16QAM	1	37	12.36	12.25	12.39		
15	16QAM	1	74	12.30	12.23	12.30		
15	16QAM	36	0	12.36	12.36	12.36	14	0
15	16QAM	36	20	12.31	12.25	12.47		
15	16QAM	36	39	12.28	12.38	12.32		
15	16QAM	75	0	12.48	12.26	12.32		
15	64QAM	1	0	12.33	12.39	12.37	14	0
15	64QAM	1	37	12.39	12.42	12.42		
15	64QAM	1	74	12.38	12.41	12.37		
15	64QAM	36	0	12.36	12.39	12.34	14	0
15	64QAM	36	20	12.38	12.30	12.37		
15	64QAM	36	39	12.29	12.33	12.31		
15	64QAM	75	0	12.32	12.37	12.33		
15	256QAM	1	0	12.19	12.23	12.23	14	0
15	256QAM	1	37	12.23	12.32	12.28		
15	256QAM	1	74	12.36	12.32	12.32		
15	256QAM	36	0	12.39	12.26	12.36	14	0
15	256QAM	36	20	12.24	12.25	12.29		
15	256QAM	36	39	12.38	12.35	12.26		
15	256QAM	75	0	12.26	12.29	12.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.43	12.60	12.43	14	0
10	QPSK	1	25	12.38	12.34	12.43		
10	QPSK	1	49	12.31	12.39	12.23		
10	QPSK	25	0	12.46	12.44	12.35	14	0
10	QPSK	25	12	12.43	12.23	12.37		
10	QPSK	25	25	12.37	12.37	12.31		
10	QPSK	50	0	12.37	12.37	12.37		
10	16QAM	1	0	12.35	12.40	12.43	14	0
10	16QAM	1	25	12.42	12.38	12.42		
10	16QAM	1	49	12.32	12.33	12.37		
10	16QAM	25	0	12.34	12.38

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.38	16.57	16.54		
20	QPSK	1	49	16.34	16.48	16.53	18	0
20	QPSK	1	99	16.33	16.41	16.48		
20	QPSK	50	0	16.34	16.49	16.47		
20	QPSK	50	24	16.24	16.34	16.37	18	0
20	QPSK	50	50	16.15	16.34	16.46		
20	QPSK	100	0	16.23	16.45	16.41		
20	16QAM	1	0	16.33	16.44	16.53		
20	16QAM	1	49	16.30	16.36	16.51	18	0
20	16QAM	1	99	16.28	16.48	16.51		
20	16QAM	50	0	16.27	16.43	16.53		
20	16QAM	50	24	16.33	16.39	16.51	18	0
20	16QAM	50	50	16.33	16.38	16.45		
20	16QAM	100	0	16.22	16.37	16.42		
20	64QAM	1	0	16.32	16.36	16.52		
20	64QAM	1	49	16.33	16.43	16.51	18	0
20	64QAM	1	99	16.31	16.39	16.55		
20	64QAM	50	0	16.20	16.45	16.43		
20	64QAM	50	24	16.34	16.46	16.51	18	0
20	64QAM	50	50	16.25	16.39	16.50		
20	64QAM	100	0	16.26	16.47	16.54		
20	256QAM	1	0	16.20	16.41	16.48		
20	256QAM	1	49	16.27	16.36	16.44	18	0
20	256QAM	1	99	16.31	16.38	16.46		
20	256QAM	50	0	16.34	16.34	16.50		
20	256QAM	50	24	16.26	16.41	16.46	18	0
20	256QAM	50	50	16.28	16.46	16.46		
20	256QAM	100	0	16.28	16.48	16.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.28	16.40	16.44		
15	QPSK	1	37	16.20	16.38	16.41	18	0
15	QPSK	1	74	16.22	16.33	16.45		
15	QPSK	36	0	16.31	16.35	16.41		
15	QPSK	36	20	16.15	16.20	16.29	18	0
15	QPSK	36	39	16.12	16.33	16.38		
15	QPSK	75	0	16.14	16.35	16.30		
15	16QAM	1	0	16.27	16.36	16.43		
15	16QAM	1	37	16.28	16.33	16.46	18	0
15	16QAM	1	74	16.24	16.38	16.39		
15	16QAM	36	0	16.17	16.28	16.39		
15	16QAM	36	20	16.31	16.31	16.39	18	0
15	16QAM	36	39	16.32	16.26	16.31		
15	16QAM	75	0	16.18	16.28	16.27		
15	64QAM	1	0	16.24	16.30	16.40		
15	64QAM	1	37	16.32	16.30	16.44	18	0
15	64QAM	1	74	16.19	16.37	16.50		
15	64QAM	36	0	16.05	16.32	16.35		
15	64QAM	36	20	16.19	16.37	16.39	18	0
15	64QAM	36	39	16.19	16.24	16.48		
15	64QAM	75	0	16.13	16.36	16.48		
15	256QAM	1	0	16.05	16.32	16.43		
15	256QAM	1	37	16.19	16.26	16.40	18	0
15	256QAM	1	74	16.27	16.29	16.35		
15	256QAM	36	0	16.28	16.28	16.43		
15	256QAM	36	20	16.21	16.28	16.36	18	0
15	256QAM	36	39	16.16	16.44	16.42		
15	256QAM	75	0	16.18	16.33	16.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.34	16.44	16.42		
10	QPSK	1	25	16.31	16.40	16.49	18	0
10	QPSK	1	49	16.19	16.29	16.35		
10	QPSK	25	0	16.32	16.38	16.36		
10	QPSK	25	12	16.23	16.29	16.33	18	0
10	QPSK	25	25	16.03	16.31	16.34		
10	QPSK	50	0	16.10	16.42	16.33		
10	16QAM	1	0	16.18	16.39	16.40		
10	16QAM	1	25	16.21	16.32	16.36	18	0
10	16QAM	1	49	16.27	16.35	16.43		
10	16QAM	25	0	16.25	16.36	16.51		
10	16QAM	25	12	16.20	16.29	16.43	18	0
10	16QAM	25	25	16.21	16.36	16.33		
10	16QAM	50	0	16.08	16.25	16.41		
10	64QAM	1	0	16.30	16.29	16.37		
10	64QAM	1	25	16.22	16.38	16.40	18	0
10	64QAM	1	49	16.25	16.30	16.49		
10	64QAM	25	0	16.18	16.38	16.37		
10	64QAM	25	12	16.28	16.45	16.43	18	0
10	64QAM	25	25	16.11	16.30	16.49		
10	64QAM	50	0	16.13	16.33	16.39		
10	256QAM	1	0	16.09	16.27	16.45		
10	256QAM	1	25	16.22	16.26	16.35	18	0
10	256QAM	1	49	16.18	16.37	16.42		
10	256QAM	25	0	16.29	16.19	16.44		
10	256QAM	25	12	16.20	16.40	16.45	18	0
10	256QAM	25	25	16.16	16.37	16.35		
10	256QAM	50	0	16.21	16.37	16.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.25	16.37	16.46		
5	QPSK	1	12	16.22	16.37	16.45	18	0
5	QPSK	1	24	16.26	16.32	16.36		
5	QPSK	12	0	16.26	16.35	16.38		
5	QPSK	12	7	16.21	16.24	16.24	18	0
5	QPSK	12	13	16.03	16.33	16.45		
5	QPSK	25	0	16.12	16.40	16.37		
5	16QAM	1	0	16.27	16.42	16.43		
5	16QAM	1	12	16.17	16.30	16.45	18	0
5	16QAM	1	24	16.18	16.42	16.38		
5	16QAM	12	0	16.22	16.29	16.45		
5	16QAM	12	7	16.32	16.26	16.40	18	0
5	16QAM	12	13	16.29	16.33	16.32		
5	16QAM	25	0	16.10	16.26	16.28		
5	64QAM	1	0	16.23	16.29	16.44		
5	64QAM	1	12	16.29	16.40	16.49	18	0
5	64QAM	1	24	16.27	16.32	16.54		
5	64QAM	12	0	16.09	16.39	16.40		
5	64QAM	12	7	16.21	16.31	16.36	18	0
5	64QAM	12	13	16.16	16.31	16.40		
5	64QAM	25	0	16.19	16.46	16.48		
5	256QAM	1	0	16.06	16.29	16.35		
5	256QAM	1	12	16.18	16.28	16.35	18	0
5	256QAM	1	24	16.17	16.31	16.37		
5	256QAM	12	0	16.32	16.33	16.40		
5	256QAM	12	7	16.15	16.36	16.42	18	0
5	256QAM	12	13	16.26	16.41	16.39		
5	256QAM	25	0	16.24	16.45	16.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.29	16.49	16.44		
3	QPSK	1	8	16.21	16.47	16.40	18	0
3	QPSK	1	14	16.26	16.40	16.38		
3	QPSK	8	0	16.22	16.34	16.45		
3	QPSK	8	4	16.16	16.21	16.35	18	0
3	QPSK	8	7	16.02	16.26	16.37		
3	QPSK	15	0	16.12	16.42	16.28		
3	16QAM	1	0	16.20	16.41	16.52		
3	16QAM	1	8	16.18	16.30	16.42	18	0
3	16QAM	1	14	16.27	16.45	16.36		
3	16QAM	8	0	16.22	16.32	16.39		
3	16QAM	8	4	16.23	16.32	16.37	18	0
3	16QAM	8	7	16.28	16.37	16.30		
3	16QAM	15	0	16.13	16.33	16.30		
3	64QAM	1	0	16.24	16.25	16.39		
3	64QAM	1	8	16.24	16.37	16.40	18	0
3	64QAM	1	14	16.23	16.32	16.41		
3	64QAM	8	0	16.13	16.33	16.30		
3	64QAM	8	4	16.33	16.40	16.50	18	0
3	64QAM	8	7	16.18	16.32	16.47		
3	64QAM	15	0	16.19	16.44	16.44		
3	256QAM	1	0	16.09	16.28	16.35		
3	256QAM	1	8	16.20	16.28	16.41	18	0
3	256QAM	1	14	16.22	16.35	16.32		
3	256QAM	8	0	16.31	16.20	16.40		
3	256QAM	8	4	16.14	16.34	16.35	18	0
3	256QAM	8	7	16.20	16.44	16.31		
3	256QAM	15	0	16.26	16.39	16.40		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.35	16.45	16.56		
1.4	QPSK	1	3	16.26	16.48	16.46		
1.4	QPSK	1	5	16.22	16.39	16.44	18	0
1.4	QPSK	3	0	16.21	16.34	16.40		
1.4	QPSK	3	1	16.17	16.28	16.28		
1.4	QPSK	3	3	16.01	16.22	16.34		
1.4	QPSK	6	0	16.14	16.40	16.34	18	0
1.4	16QAM	1	0	16.30	16.36	16.50		
1.4	16QAM	1	3	16.23	16.31	16.48		
1.4	16QAM	1	5	16.15	16.43	16.48	18	0
1.4	16QAM	3	0	16.26	16.38	16.41		
1.4	16QAM	3	1	16.18	16.35	16.48		
1.4	16QAM	3	3	16.32	16.26	16.30		
1.4	16QAM	6	0	16.13	16.29	16.37	18	0
1.4	64QAM	1	0	16.27	16.25	16.43		
1.4	64QAM	1	3	16.18	16.32	16.40		
1.4	64QAM	1	5	16.16	16.36	16.42	18	0
1.4	64QAM	3	0	16.12	16.41	16.37		
1.4	64QAM	3	1	16.23	16.44	16.46		
1.4	64QAM	3	3	16.23	16.29	16.47		
1.4	64QAM	6	0	16.18	16.44	16.47	18	0
1.4	256QAM	1	0	16.18	16.28	16.42		
1.4	256QAM	1	3	16.13	16.25	16.37		
1.4	256QAM	1	5	16.23	16.34	16.37	18	0
1.4	256QAM	3	0	16.22	16.25	16.48		
1.4	256QAM	3	1	16.12	16.30	16.35		
1.4	256QAM	3	3	16.17	16.36	16.42		
1.4	256QAM	6	0	16.20	16.43	16.43	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.67	23.80	23.77		
20	QPSK	1	49	23.64	23.78	23.76	24.5	0
20	QPSK	1	99	23.66	23.74	23.70		
20	QPSK	50	0	22.76	22.88	22.80		
20	QPSK	50	24	22.67	22.77	22.75	23.5	1
20	QPSK	50	50	22.66	22.72	22.77		
20	QPSK	100	0	22.66	22.81	22.82		
20	16QAM	1	0	22.80	23.01	23.07		
20	16QAM	1	49	22.94	22.95	23.02	23.5	1
20	16QAM	1	99	22.88	22.88	22.90		
20	16QAM	50	0	21.69	21.73	21.86		
20	16QAM	50	24	21.69	21.77	21.79	22.5	2
20	16QAM	50	50	21.74	21.71	21.74		
20	16QAM	100	0	21.69	21.74	21.79		
20	64QAM	1	0	21.74	21.85	21.91		
20	64QAM	1	49	21.78	21.85	21.88	22.5	2
20	64QAM	1	99	21.73	21.77	21.74		
20	64QAM	50	0	20.63	20.75	20.91		
20	64QAM	50	24	20.65	20.79	20.85	21.5	3
20	64QAM	50	50	20.75	20.74	20.80		
20	64QAM	100	0	20.66	20.76	20.83		
20	256QAM	1	0	18.52	18.56	18.46		
20	256QAM	1	49	18.48	18.55	18.52	19.5	5
20	256QAM	1	99	18.47	18.54	18.43		
20	256QAM	50	0	18.46	18.49	18.43		
20	256QAM	50	24	18.45	18.49	18.47	19.5	5
20	256QAM	50	50	18.34	18.45	18.37		
20	256QAM	100	0	18.34	18.43	18.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.69	23.65		
15	QPSK	1	37	23.62	23.72	23.68	24.5	0
15	QPSK	1	74	23.62	23.69	23.69		
15	QPSK	36	0	22.75	22.81	22.74		
15	QPSK	36	20	22.81	22.68	22.64	23.5	1
15	QPSK	36	39	22.65	22.81	22.70		
15	QPSK	75	0	22.61	22.80	22.73		
15	16QAM	1	0	22.88	22.97	22.99		
15	16QAM	1	37	22.87	22.90	22.98	23.5	1
15	16QAM	1	74	22.82	22.82	22.80		
15	16QAM	36	0	21.59	21.72	21.83		
15	16QAM	36	20	21.66	21.66	21.69	22.5	2
15	16QAM	36	39	21.70	21.67	21.72		
15	16QAM	75	0	21.64	21.70	21.77		
15	64QAM	1	0	21.70	21.81	21.80		
15	64QAM	1	37	21.72	21.77	21.83	22.5	2
15	64QAM	1	74	21.68	21.74	21.67		
15	64QAM	36	0	20.54	20.72	20.88		
15	64QAM	36	20	20.59	20.73	20.74	21.5	3
15	64QAM	36	39	20.70	20.72	20.75		
15	64QAM	75	0	20.83	20.69	20.72		
15	256QAM	1	0	18.51	18.52	18.51		
15	256QAM	1	37	18.44	18.54	18.51	19.5	5
15	256QAM	1	74	18.60	18.53	18.47		
15	256QAM	36	0	18.38	18.45	18.38		
15	256QAM	36	20	18.43	18.39	18.37	19.5	5
15	256QAM	36	39	18.44	18.37	18.39		
15	256QAM	75	0	18.33	18.42	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.58	23.69	23.66		
10	QPSK	1	25	23.55	23.77	23.64	24.5	0
10	QPSK	1	49	23.62	23.72	23.58		
10	QPSK	25	0	22.73	22.76	22.72		
10	QPSK	25	12	22.62	22.70	22.64	23.5	1
10	QPSK	25	25	22.59	22.64	22.71		
10	QPSK	50	0	22.62	22.72	22.76		
10	16QAM	1	0	22.70	22.95	23.04		
10	16QAM	1	25	22.82	22.93	22.93	23.5	1
10	16QAM	1	49	22.86	22.81	22.79		
10	16QAM	25	0	21.62	21.62	21.79		
10	16QAM	25	12	21.86	21.74	21.67	22.5	2
10	16QAM	25	25	21.70	21.59	21.62		
10	16QAM	50	0	21.83	21.64	21.67		
10	64QAM	1	0	21.73	21.82	21.85		
10	64QAM	1	25	21.77	21.73	21.82	22.5	2
10	64QAM	1	49	21.63	21.74	21.68		
10	64QAM	25	0	20.57	20.85	20.90		
10	64QAM	25	12	20.56	20.72	20.76	21.5	3
10	64QAM	25	25	20.70	20.66	20.75		
10	64QAM	50	0	20.61	20.73	20.82		
10	256QAM	1	0	18.48	18.54	18.52		
10	256QAM	1	25	18.43	18.43	18.52	19.5	5
10	256QAM	1	49	18.49	18.47	18.48		
10	256QAM	25	0	18.38	18.38	18.44		
10	256QAM	25	12	18.47	18.44	18.48	19.5	5
10	256QAM	25	25	18.42	18.34	18.36		
10	256QAM	50	0	18.34	18.34	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.65	23.68	23.76		
5	QPSK	1	12	23.61	23.70	23.69	24.5	0
5	QPSK	1	24	23.66	23.71	23.61		
5	QPSK	12	0	22.67	22.81	22.74		
5	QPSK	12	7	22.58	22.71	22.64	23.5	1
5	QPSK	12	13	22.55	22.65	22.74		
5	QPSK	25	0	22.55	22.76	22.69		
5	16QAM	1	0	22.74	22.97	22.96		
5	16QAM	1	12	22.92	22.93	22.90	23.5	1
5	16QAM	1	24	22.78	22.80	22.78		
5	16QAM	12	0	21.57	21.72	21.76		
5	16QAM	12	7	21.65	21.70	21.70	22.5	2
5	16QAM	12	13	21.73	21.66	21.69		
5	16QAM	25	0	21.67	21.87	21.68		
5	64QAM	1	0	21.68	21.79	21.89		
5	64QAM	1	12	21.75	21.82	21.78	22.5	2
5	64QAM	1	24	21.64	21.74	21.69		
5	64QAM	12	0	20.51	20.66	20.79		
5	64QAM	12	7	20.58	20.76	20.79	21.5	3
5	64QAM	12	13	20.63	20.73	20.72		
5	64QAM	25	0	20.64	20.65	20.76		
5	256QAM	1	0	18.55	18.46	18.52		
5	256QAM	1	12	18.48	18.44	18.50	19.5	5
5	256QAM	1	24	18.48	18.46	18.44		
5	256QAM	12	0	18.43	18.43	18.45		
5	256QAM	12	7	18.47	18.38	18.39	19.5	5
5	256QAM	12	13	18.33	18.40	18.42		
5	256QAM	25	0	18.34	18.39	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.63	23.71	23.75		
3	QPSK	1	8	23.61	23.68	23.70	24.5	0
3	QPSK	1	14	23.62	23.64	23.67		
3	QPSK	8	0	22.74	22.85	22.73		
3	QPSK	8	4	22.58	22.75	22.72	23.5	1
3	QPSK	8	7	22.63	22.68	22.70		
3	QPSK	15	0	22.55	22.71	22.76		
3	16QAM	1	0	22.74	22.89	22.96		
3	16QAM	1	8	22.85	22.94	22.98	23.5	1
3	16QAM	1	14	22.86	22.80	22.94		
3	16QAM	8	0	21.64	21.64	21.79		
3	16QAM	8	4	21.81	21.75	21.71	22.5	2
3	16QAM	8	7	21.65	21.65	21.65		
3	16QAM	15	0	21.64	21.73	21.76		
3	64QAM	1	0	21.73	21.77	21.80		
3	64QAM	1	8	21.88	21.75	21.83	22.5	2
3	64QAM	1	14	21.83	21.71	21.65		
3	64QAM	8	0	20.53	20.67	20.88		
3	64QAM	8	4	20.59	20.73	20.76	21.5	3
3	64QAM	8	7	20.71	20.64	20.79		
3	64QAM	15	0	20.54	20.68	20.81		
3	256QAM	1	0	18.54	18.55	18.54		
3	256QAM	1	8	18.48	18.46	18.52	19.5	5
3	256QAM	1	14	18.44	18.43	18.52		
3	256QAM	8	0	18.46	18.38	18.43		
3	256QAM	8	4	18.42	18.39	18.38	19.5	5
3	256QAM	8	7	18.35	18.33	18.42		
3	256QAM	15	0	18.32	18.36	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.72	23.66		
1.4	QPSK	1	3	23.56	23.76	23.69		
1.4	QPSK	1	5	23.54	23.68	23.66	24.5	0
1.4	QPSK	3	0	23.69	23.69	23.57		
1.4	QPSK	3	1	23.45	23.74	23.59		
1.4	QPSK	3	3	23.51	23.66	23.54		
1.4	QPSK	6	0	22.69	22.69	22.68	23.5	1
1.4	16QAM	1	0	22.78	22.98	22.96		
1.4	16QAM	1	3	22.86	22.83	22.98		
1.4	16QAM	1	5	22.82	22.81	22.78	23.5	1
1.4	16QAM	3	0	22.72	22.89	22.85		
1.4	16QAM	3	1	22.85	22.75	22.94		
1.4	16QAM	3	3	22.77	22.72	22.67		
1.4	16QAM	6	0	21.68	21.68	21.79	22.5	2
1.4	64QAM	1	0	21.64	21.76	21.90		
1.4	64QAM	1	3	21.71	21.80	21.77		
1.4	64QAM	1	5	21.70	21.75	21.64	22.5	2
1.4	64QAM	3	0	21.63	21.85	21.83		
1.4	64QAM	3	1	21.68	21.77	21.74		
1.4	64QAM	3	3	21.63	21.63	21.52		
1.4	64QAM	6	0	20.54	20.71	20.77	21.5	3
1.4	256QAM	1	0	18.49	18.49	18.45		
1.4	256QAM	1	3	18.48	18.43	18.47		
1.4	256QAM	1	5	18.53	18.42	18.47	19.5	5
1.4	256QAM	3	0	18.38	18.47	18.48		
1.4	256QAM	3	1	18.47	18.48	18.39		
1.4	256QAM	3	3	18.36	18.43	18.37		
1.4	256QAM	6	0	18.34	18.37	18.39	19.5	5

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.07	17.08	17.05	18	0
20	QPSK	1	49	17.01	16.97	17.03		
20	QPSK	1	99	16.92	17.03	17.04		
20	QPSK	50	0	17.01	17.03	17.02		
20	QPSK	50	24	17.00	16.87	16.92		
20	QPSK	50	50	17.01	16.88	16.83		
20	QPSK	100	0	16.93	16.94	16.91		
20	16QAM	1	0	16.97	16.97	16.94	18	0
20	16QAM	1	49	17.00	16.97	16.91		
20	16QAM	1	99	16.97	17.01	17.00		
20	16QAM	50	0	16.87	17.01	16.86		
20	16QAM	50	24	16.87	16.90	16.95		
20	16QAM	50	50	17.00	17.01	16.89		
20	16QAM	100	0	16.88	16.88	16.93		
20	64QAM	1	0	16.91	16.95	16.93	18	0
20	64QAM	1	49	16.94	16.90	16.89		
20	64QAM	1	99	16.96	16.96	16.91		
20	64QAM	50	0	16.96	17.01	16.97		
20	64QAM	50	24	16.95	17.01	16.92		
20	64QAM	50	50	16.94	17.01	16.99		
20	64QAM	100	0	16.99	16.93	16.98		
20	256QAM	1	0	16.97	17.02	16.95	18	0
20	256QAM	1	49	16.96	17.02	16.94		
20	256QAM	1	99	16.94	16.92	17.00		
20	256QAM	50	0	16.98	17.00	16.97		
20	256QAM	50	24	16.97	16.88	16.97		
20	256QAM	50	50	17.00	16.90	16.95		
20	256QAM	100	0	16.92	16.91	16.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.01	16.97	16.92	18	0
15	QPSK	1	37	16.86	16.91	16.91		
15	QPSK	1	74	16.88	16.92	16.99		
15	QPSK	36	0	16.97	16.93	16.94		
15	QPSK	36	20	16.88	16.73	16.86		
15	QPSK	36	39	16.91	16.73	16.76		
15	QPSK	75	0	16.80	16.92	16.76		
15	16QAM	1	0	16.87	16.83	16.88	18	0
15	16QAM	1	37	16.94	16.90	16.88		
15	16QAM	1	74	16.93	16.96	16.97		
15	16QAM	36	0	16.80	16.96	16.79		
15	16QAM	36	20	16.72	16.78	16.85		
15	16QAM	36	39	16.90	16.99	16.75		
15	16QAM	75	0	16.79	16.74	16.86		
15	64QAM	1	0	16.81	16.87	16.90	18	0
15	64QAM	1	37	16.85	16.89	16.80		
15	64QAM	1	74	16.84	16.84	16.87		
15	64QAM	36	0	16.91	16.97	16.76		
15	64QAM	36	20	16.82	16.89	16.86		
15	64QAM	36	39	16.86	16.87	16.87		
15	64QAM	75	0	16.97	16.81	16.87		
15	256QAM	1	0	16.84	16.88	16.90	18	0
15	256QAM	1	37	16.92	16.98	16.81		
15	256QAM	1	74	16.85	16.90	16.98		
15	256QAM	36	0	16.97	16.97	16.96		
15	256QAM	36	20	16.78	16.83	16.95	18	0
15	256QAM	36	39	16.88	16.85	16.85		
15	256QAM	75	0	16.83	16.86	16.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.03	16.95	16.98	18	0
10	QPSK	1	25	16.96	16.91	16.88		
10	QPSK	1	49	16.77	16.93	16.94		
10	QPSK	25	0	16.89	16.98	16.95		
10	QPSK	25	12	16.97	16.72	16.79		
10	QPSK	25	25	16.93	16.82	16.78		
10	QPSK	50	0	16.92	16.92	16.87		
10	16QAM	1	0	16.88	16.95	16.90	18	0
10	16QAM	1	25	16.96	16.90	16.87		
10	16QAM	1	49	16.95	16.97	16.88		
10	16QAM	25	0	16.76	16.88	16.77		
10	16QAM	25	12	16.80	16.78	16.81	18	0
10	16QAM	25	25	16.80	16.89	16.75		
10	16QAM	50	0	16.79	16.74	16.82		
10	64QAM	1	0	16.83	16.84	16.87	18	0
10	64QAM	1	25	16.86	16.88	16.77		
10	64QAM	1	49	16.85	16.85	16.80		
10	64QAM	25	0	16.83	16.98	16.74		
10	64QAM	25	12	16.90	16.94	16.77	18	0
10	64QAM	25	25	16.85	16.86	16.83		
10	64QAM	50	0	16.90	16.89	16.91		
10	256QAM	1	0	16.83	16.98	16.92	18	0
10	256QAM	1	25	16.95	17.01	16.80		
10	256QAM	1	49	16.86	16.78	16.85		
10	256QAM	25	0	16.97	16.96	16.86	18	0
10	256QAM	25	12	16.84	16.85	16.84		
10	256QAM	25	25	16.86	16.85	16.94		
10	256QAM	50	0	16.86	16.76	16.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.94	17.04	17.03	18	0
5	QPSK	1	12	16.92	16.83	16.96		
5	QPSK	1	24	16.87	16.98	17.01		
5	QPSK	12	0	16.98	17.00	16.88		
5	QPSK	12	7	16.95	16.76	16.86		
5	QPSK	12	13	16.94	16.73	16.76		
5	QPSK	25	0	16.90	16.88	16.76		
5	16QAM	1	0	16.93	16.86	16.90	18	0
5	16QAM	1	12	16.90	16.94	16.81		
5	16QAM	1	24	16.92	16.88	16.89		
5	16QAM	12	0	16.72	17.00	16.83		
5	16QAM	12	7	16.81	16.75	16.81	18	0
5	16QAM	12	13	16.66	16.86	16.76		
5	16QAM	25	0	16.87	16.81	16.88		
5	64QAM	1	0	16.88	16.87	16.89	18	0
5	64QAM	1	12	16.89	16.76	16.76		
5	64QAM	1	24	16.91	16.94	16.84		
5	64QAM	12	0	16.94	16.87	16.82		
5	64QAM	12	7	16.83	16.90	16.83	18	0
5	64QAM	12	13	16.88	16.96	16.89		
5	64QAM	25	0	16.97	16.79	16.95		
5	256QAM	1	0	16.87	16.91	16.89	18	0
5	256QAM	1	12	16.83	16.91	16.83		
5	256QAM	1	24	16.80	16.78	16.89		
5	256QAM	12	0	16.85	16.94	16.83		
5	256QAM	12	7	16.84	16.82	16.87	18	0
5	256QAM	12	13	16.89	16.84	16.91		
5	256QAM	25	0	16.80	16.79	16.88		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.82	24.88	24.85	25.7	0
20	QPSK	1	49	24.80	24.79	24.71		
20	QPSK	1	99	24.80	24.80	24.84		
20	QPSK	50	0	24.71	24.72	23.90		
20	QPSK	50	24	24.06	23.95	23.91	24.7	1
20	QPSK	50	50	23.96	23.97	23.80		
20	QPSK	100	0	23.99	24.07	23.89		
20	16QAM	1	0	24.15	24.03	23.94	24.7	1
20	16QAM	1	49	24.14	24.00	23.96		
20	16QAM	1	99	24.11	23.99	24.05		
20	16QAM	50	0	23.12	22.93	22.86	23.7	2
20	16QAM	50	24	23.05	22.95	22.92		
20	16QAM	50	50	23.09	22.97	22.96		
20	16QAM	100	0	23.09	22.95	22.88		
20	64QAM	1	0	22.83	22.65	22.54	23.7	2
20	64QAM	1	49	22.81	22.65	22.54		
20	64QAM	1	99	22.77	22.64	22.66		
20	64QAM	50	0	22.70	21.94	21.85	22.7	3
20	64QAM	50	24	22.04	21.93	21.90		
20	64QAM	50	50	22.08	21.94	21.91		
20	64QAM	100	0	22.07	21.92	21.87		
20	256QAM	1	0	19.58	19.62	19.60	20.7	5
20	256QAM	1	49	19.46	19.54	19.45		
20	256QAM	1	99	19.45	19.55	19.47		
20	256QAM	50	0	19.47	19.57	19.45	20.7	5
20	256QAM	50	24	19.55	19.56	19.55		
20	256QAM	50	50	19.48	19.49	19.43		
20	256QAM	100	0	19.45	19.50	19.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.75	24.80	24.82	25.7	0
15	QPSK	1	37	24.74	24.67	24.63		
15	QPSK	1	74	24.71	24.71	24.76		
15	QPSK	36	0	24.10	24.03	23.87	24.7	1
15	QPSK	36	20	23.94	23.85	23.81		
15	QPSK	36	39	23.85	23.92	23.77		
15	QPSK	75	0	23.92	24.05	23.82		
15	16QAM	1	0	24.12	23.95	23.82	24.7	1
15	16QAM	1	37	24.11	23.98	23.91		
15	16QAM	1	74	24.06	23.95	23.96		
15	16QAM	36	0	23.00	22.93	22.78	23.7	2
15	16QAM	36	20	22.99	22.93	22.90		
15	16QAM	36	39	22.97	22.95	22.89		
15	16QAM	75	0	23.00	22.94	22.76		
15	64QAM	1	0	22.71	22.57	22.43	23.7	2
15	64QAM	1	37	22.70	22.53	22.46		
15	64QAM	1	74	22.76	22.52	22.60		
15	64QAM	36	0	22.09	21.82	21.73	22.7	3
15	64QAM	36	20	22.00	21.91	21.86		
15	64QAM	36	39	21.99	21.94	21.83		
15	64QAM	75	0	22.02	21.83	21.78		
15	256QAM	1	0	19.57	19.57	19.57	20.7	5
15	256QAM	1	37	19.34	19.42	19.33		
15	256QAM	1	74	19.34	19.44	19.35		
15	256QAM	36	0	19.45	19.53	19.36	20.7	5
15	256QAM	36	20	19.44	19.44	19.47		
15	256QAM	36	39	19.43	19.43	19.38		
15	256QAM	75	0	19.33	19.42	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.70	24.80	24.75	25.7	0
10	QPSK	1	25	24.79	24.73	24.69		
10	QPSK	1	49	24.76	24.71	24.80		
10	QPSK	25	0	23.99	24.07	23.88	24.7	1
10	QPSK	25	12	23.98	23.83	23.81		
10	QPSK	25	25	23.89	23.85	23.81		
10	QPSK	50	0	23.91	23.99	23.88		
10	16QAM	1	0	24.08	24.00	23.92	24.7	1
10	16QAM	1	25	24.07	23.91	23.94		
10	16QAM	1	49	24.06	23.96	23.93		
10	16QAM	25	0	23.06	22.86	22.82	23.7	2
10	16QAM	25	12	22.99	22.94	22.88		
10	16QAM	25	25	22.98	22.93	22.86		
10	16QAM	50	0	23.00	22.86	22.77		
10	64QAM	1	0	22.80	22.59	22.49	23.7	2
10	64QAM	1	25	22.76	22.63	22.49		
10	64QAM	1	49	22.68	22.52	22.59		
10	64QAM	25	0	21.98	21.93	21.81	22.7	3
10	64QAM	25	12	22.01	21.87	21.80		
10	64QAM	25	25	22.04	21.92	21.94		
10	64QAM	50	0	22.01	21.88	21.83		
10	256QAM	1	0	19.53	19.50	19.56	20.7	5
10	256QAM	1	25	19.41	19.42	19.38		
10	256QAM	1	49	19.35	19.45	19.37		
10	256QAM	25	0	19.41	19.52	19.33		
10	256QAM	25	12	19.46	19.43	19.46	20.7	5
10	256QAM	25	25	19.47	19.37	19.37		
10	256QAM	50	0	19.41	19.46	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.76	24.80	24.82	25.7	0
5	QPSK	1	12	24.68	24.72	24.69		
5	QPSK	1	24	24.77	24.73	24.78		
5	QPSK	12	0	24.01	24.09	23.87	24.7	1
5	QPSK	12	7	24.05	23.86	23.87		
5	QPSK	12	13	23.94	23.90	23.81		
5	QPSK	25	0	23.91	24.04	23.86		
5	16QAM	1	0	24.07	23.92	23.88	24.7	1
5	16QAM	1	12	24.04	23.93	23.90		
5	16QAM	1	24	23.99	23.97	24.03		
5	16QAM	12	0	23.00	22.92	22.75	23.7	2
5	16QAM	12	7	22.94	22.88	22.82		
5	16QAM	12	13	23.01	22.90	22.90		
5	16QAM	25	0	23.08	22.89	22.78		
5	64QAM	1	0	22.75	22.54	22.52	23.7	2
5	64QAM	1	12	22.73	22.63	22.53		
5	64QAM	1	24	22.74	22.64	22.69		
5	64QAM	12	0	22.09	21.85	21.77	22.7	3
5	64QAM	12	7	22.02	21.82	21.87		
5	64QAM	12	13	21.99	21.89	21.82		
5	64QAM	25	0	22.00	21.88	21.79		
5	256QAM	1	0	19.50	19.56	19.52	20.7	5
5	256QAM	1	12	19.45	19.47	19.43		
5	256QAM	1	24	19.42	19.52	19.38		
5	256QAM	12	0	19.46	19.47	19.34		
5	256QAM	12	7	19.52	19.51	19.50	20.7	5
5	256QAM	12	13	19.41	19.44	19.41		
5	256QAM	25	0	19.36	19.43	19.37		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.11	19.17	19.08	20	0
20	QPSK	1	49	18.97	19.11	19.02		
20	QPSK	1	99	18.98	19.11	19.07		
20	QPSK	50	0	18.97	19.08	19.07		
20	QPSK	50	24	19.01	19.00	18.95	20	0
20	QPSK	50	50	18.93	18.97	19.03		
20	QPSK	100	0	18.96	19.00	18.92		
20	16QAM	1	0	18.94	19.01	18.97	20	0
20	16QAM	1	49	18.95	18.95	18.95		
20	16QAM	1	99	19.07	18.93	19.05		
20	16QAM	50	0	19.07	18.94	18.99	20	0
20	16QAM	50	24	19.03	19.06	18.97		
20	16QAM	50	50	18.99	18.95	18.93		
20	16QAM	100	0	18.97	19.02	19.04		
20	64QAM	1	0	18.93	18.95	18.97	20	0
20	64QAM	1	49	18.99	19.05	18.95		
20	64QAM	1	99	18.97	19.00	18.95		
20	64QAM	50	0	19.07	18.99	18.97	20	0
20	64QAM	50	24	19.04	19.02	19.06		
20	64QAM	50	50	18.99	19.01	19.05		
20	64QAM	100	0	19.06	18.99	18.98		
20	256QAM	1	0	18.53	18.56	18.52	19.5	0.5
20	256QAM	1	49	18.47	18.55	18.44		
20	256QAM	1	99	18.52	18.55	18.52		
20	256QAM	50	0	18.49	18.54	18.44	19.5	0.5
20	256QAM	50	24	18.51	18.51	18.42		
20	256QAM	50	50	18.43	18.50	18.47		
20	256QAM	100	0	18.56	18.42	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.05	19.09	18.96	20	0
15	QPSK	1	37	18.84	18.97	18.97		
15	QPSK	1	74	18.97	19.05	18.95		
15	QPSK	36	0	19.02	18.95	18.96	20	0
15	QPSK	36	20	18.87	18.86	18.86		
15	QPSK	36	39	18.83	18.94	18.94		
15	QPSK	75	0	18.87	18.86	18.89		
15	16QAM	1	0	18.93	18.89	18.95	20	0
15	16QAM	1	37	18.94	18.92	18.91		
15	16QAM	1	74	19.06	18.90	18.90		
15	16QAM	36	0	18.94	18.89	18.84	20	0
15	16QAM	36	20	19.00	18.98	18.95		
15	16QAM	36	39	18.90	18.88	18.86		
15	16QAM	75	0	18.93	18.93	19.02		
15	64QAM	1	0	18.89	18.86	18.88	20	0
15	64QAM	1	37	18.84	18.96	18.92		
15	64QAM	1	74	18.83	18.89	18.80		
15	64QAM	36	0	19.03	18.87	18.93	20	0
15	64QAM	36	20	18.95	19.01	19.00		
15	64QAM	36	39	18.88	18.91	18.91		
15	64QAM	75	0	19.00	18.89	18.86		
15	256QAM	1	0	18.44	18.52	18.39	19.5	0.5
15	256QAM	1	37	18.33	18.52	18.33		
15	256QAM	1	74	18.47	18.47	18.37		
15	256QAM	36	0	18.41	18.45	18.30	19.5	0.5
15	256QAM	36	20	18.45	18.48	18.32		
15	256QAM	36	39	18.34	18.48	18.37		
15	256QAM	75	0	18.46	18.33	18.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.06	19.13	18.94	20	0
10	QPSK	1	25	18.87	19.03	18.99		
10	QPSK	1	49	18.86	19.05	18.92		
10	QPSK	25	0	19.03	18.98	18.97	20	0
10	QPSK	25	12	18.90	18.97	18.88		
10	QPSK	25	25	18.79	18.84	18.95		
10	QPSK	50	0	18.88	18.94	18.81		
10	16QAM	1	0	18.84	18.94	18.91	20	0
10	16QAM	1	25	18.89	18.94	18.94		
10	16QAM	1	49	19.06	18.85	19.01		
10	16QAM	25	0	18.94	18.83	18.91	20	0
10	16QAM	25	12	18.97	19.04	18.93		
10	16QAM	25	25	18.84	18.92	18.78		
10	16QAM	50	0	18.95	18.95	18.99		
10	64QAM	1	0	18.89	18.94	18.87	20	0
10	64QAM	1	25	18.94	18.92	18.87		
10	64QAM	1	49	18.87	18.92	18.81		
10	64QAM	25	0	19.04	18.94	18.82	20	0
10	64QAM	25	12	18.89	18.95	18.93		
10	64QAM	25	25	18.96	18.93	19.02		
10	64QAM	50	0	19.00	18.88	18.85		
10	256QAM	1	0	18.48	18.42	18.45	19.5	0.5
10	256QAM	1	25	18.38	18.50	18.37		
10	256QAM	1	49	18.42	18.46	18.48		
10	256QAM	25	0	18.34	18.40	18.43		
10	256QAM	25	12	18.38	18.46	18.33	19.5	0.5
10	256QAM	25	25	18.36	18.37	18.32		
10	256QAM	50	0	18.47	18.36	18.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.04	19.02	19.00	20	0
5	QPSK	1	12	18.96	18.99	18.93		
5	QPSK	1	24	18.94	19.02	18.96		
5	QPSK	12	0	18.99	18.94	18.93	20	0
5	QPSK	12	7	18.87	18.88	18.81		
5	QPSK	12	13	18.83	18.84	18.96		
5	QPSK	25	0	18.82	18.89	18.87		
5	16QAM	1	0	18.81	18.99	18.95	20	0
5	16QAM	1	12	18.92	18.85	18.88		
5	16QAM	1	24	19.04	18.92	19.01		
5	16QAM	12	0	19.03	18.92	18.96	20	0
5	16QAM	12	7	18.99	18.95	18.87		
5	16QAM	12	13	18.98	18.86	18.88		
5	16QAM	25	0	18.96	18.88	18.93		
5	64QAM	1	0	18.85	18.89	18.94	20	0
5	64QAM	1	12	18.95	18.98	18.89		
5	64QAM	1	24	18.94	18.86	18.94		
5	64QAM	12	0	19.05	18.86	18.94	20	0
5	64QAM	12	7	18.89	18.99	19.04		
5	64QAM	12	13	18.86	18.91	19.04		
5	64QAM	25	0	19.02	18.97	18.99		
5	256QAM	1	0	18.43	18.41	18.45	19.5	0.5
5	256QAM	1	12	18.45	18.46	18.42		
5	256QAM	1	24	18.46	18.47	18.44		
5	256QAM	12	0	18.43	18.45	18.41		
5	256QAM	12	7	18.37	18.36	18.28	19.5	0.5
5	256QAM	12	13	18.39	18.39	18.45		
5	256QAM	25	0	18.41	18.41	18.46		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.02	18.09	18.01	18.7	0
20	QPSK	1	49	17.89	17.98	17.96		
20	QPSK	1	99	17.99	17.89	17.98		
20	QPSK	50	0	17.86	17.96	17.93		
20	QPSK	50	24	17.73	17.88	17.85	18.7	0
20	QPSK	50	50	17.81	17.81	17.84		
20	QPSK	100	0	17.78	17.93	17.80		
20	16QAM	1	0	17.74	17.83	17.85	18.7	0
20	16QAM	1	49	17.73	17.89	17.82		
20	16QAM	1	99	17.76	17.93	17.80		
20	16QAM	50	0	17.79	17.91	17.85	18.7	0
20	16QAM	50	24	17.76	17.88	17.85		
20	16QAM	50	50	17.84	17.93	17.89		
20	16QAM	100	0	17.87	17.91	17.79

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.97	17.04	17.13	17.06	17.10	18	0
20	QPSK	1	49	16.87	16.85	16.98	17.01	16.99		
20	QPSK	1	99	16.89	17.03	16.93	17.01	16.93		
20	QPSK	50	0	16.89	16.96	17.06	17.03	17.04	18	0
20	QPSK	50	24	16.75	16.83	16.98	16.86	16.87		
20	QPSK	50	50	16.81	16.85	16.86	16.85	17.01		
20	QPSK	100	0	16.78	16.87	17.01	16.93	16.88		
20	16QAM	1	0	16.73	16.87	17.06	16.87	16.94	18	0
20	16QAM	1	49	16.88	16.77	16.98	16.86	16.93		
20	16QAM	1	99	16.83	16.88	16.97	16.90	16.93		
20	16QAM	50	0	16.70	16.79	17.01	17.02	17.04	18	0
20	16QAM	50	24	16.86	16.94	17.06	16.88	16.84		
20	16QAM	50	50	16.73	16.82	17.00	16.90	17.00		
20	16QAM	100	0	16.85	16.83	16.96	16.95	16.86		
20	64QAM	1	0	16.69	16.80	16.90	16.97	16.86	18	0
20	64QAM	1	49	16.82	16.78	16.88	16.91	16.93		
20	64QAM	1	99	16.89	16.88	17.01	17.03	16.96		
20	64QAM	50	0	16.70	16.91	17.05	16.83	16.97	18	0
20	64QAM	50	24	16.87	16.79	16.93	17.00	16.88		
20	64QAM	50	50	16.72	16.95	17.05	16.86	16.97		
20	64QAM	100	0	16.84	16.95	16.90	16.97	16.84		
20	256QAM	1	0	16.85	16.76	16.85	16.83	17.01	18	0
20	256QAM	1	49	16.73	16.91	17.04	16.95	17.01		
20	256QAM	1	99	16.78	16.88	17.02	16.85	17.02		
20	256QAM	50	0	16.82	16.75	16.90	16.92	16.84	18	0
20	256QAM	50	24	16.76	16.92	16.88	16.83	16.85		
20	256QAM	50	50	16.82	16.93	16.98	16.87	16.88		
20	256QAM	100	0	16.68	16.78	16.92	16.94	16.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.80	16.82	17.01	16.84	16.83	18	0
15	QPSK	1	37	16.71	16.61	16.88	16.85	16.80		
15	QPSK	1	74	16.75	16.91	16.73	16.88	16.83		
15	QPSK	36	0	16.67	16.81	16.77	16.90	16.77	18	0
15	QPSK	36	20	16.50	16.61	16.80	16.66	16.74		
15	QPSK	36	39	16.54	16.67	16.75	16.62	16.76		
15	QPSK	75	0	16.49	16.73	16.73	16.79	16.74		
15	16QAM	1	0	16.50	16.67	16.77	16.64	16.84	18	0
15	16QAM	1	37	16.59	16.48	16.75	16.58	16.79		
15	16QAM	1	74	16.70	16.60	16.68	16.75	16.78		
15	16QAM	36	0	16.44	16.68	16.90	16.75	16.82	18	0
15	16QAM	36	20	16.68	16.83	16.78	16.73	16.59		
15	16QAM	36	39	16.60	16.54	16.89	16.80	16.71		
15	16QAM	75	0	16.62	16.69	16.83	16.75	16.59		
15	64QAM	1	0	16.59	16.58	16.60	16.76	16.67	18	0
15	64QAM	1	37	16.61	16.56	16.69	16.67	16.71		
15	64QAM	1	74	16.74	16.75	16.75	16.74	16.73		
15	64QAM	36	0	16.54	16.69	16.81	16.60	16.82	18	0
15	64QAM	36	20	16.73	16.66	16.73	16.88	16.72		
15	64QAM	36	39	16.44	16.74	16.76	16.70	16.69		
15	64QAM	75	0	16.59	16.84	16.80	16.79	16.59		
15	256QAM	1	0	16.70	16.63	16.71	16.63	16.76	18	0
15	256QAM	1	37	16.44	16.68	16.82	16.65	16.73		
15	256QAM	1	74	16.57	16.68	16.85	16.71	16.87		
15	256QAM	36	0	16.68	16.45	16.71	16.72	16.71	18	0
15	256QAM	36	20	16.60	16.81	16.59	16.63	16.65		
15	256QAM	36	39	16.63	16.80	16.81	16.72	16.78		
15	256QAM	75	0	16.38	16.63	16.81	16.77	16.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.73	16.79	16.98	16.80	16.99	18	0
10	QPSK	1	25	16.65	16.63	16.80	16.72	16.85		
10	QPSK	1	49	16.70	16.74	16.77	16.86	16.66		
10	QPSK	25	0	16.67	16.81	16.77	16.74	16.93	18	0
10	QPSK	25	12	16.46	16.57	16.84	16.75	16.69		
10	QPSK	25	25	16.54	16.66	16.70	16.56	16.91		
10	QPSK	50	0	16.57	16.75	16.88	16.80	16.67		
10	16QAM	1	0	16.47	16.67	16.89	16.59	16.77	18	0
10	16QAM	1	25	16.77	16.62	16.88	16.57	16.80		
10	16QAM	1	49	16.64	16.70	16.71	16.80	16.80		
10	16QAM	25	0	16.58	16.69	16.85	16.86	16.91	18	0
10	16QAM	25	12	16.75	16.78	16.81	16.74	16.62		
10	16QAM	25	25	16.57	16.62	16.70	16.72	16.80		
10	16QAM	50	0	16.65	16.62	16.66	16.85	16.76		
10	64QAM	1	0	16.45	16.56	16.75	16.78	16.66	18	0
10	64QAM	1	25	16.53	16.54	16.73	16.76	16.82		
10	64QAM	1	49	16.66	16.64	16.78	16.91	16.75		
10	64QAM	25	0	16.41	16.64	16.90	16.69	16.82	18	0
10	64QAM	25	12	16.69	16.68	16.67	16.84	16.67		
10	64QAM	25	25	16.54	16.72	16.91	16.56	16.74		
10	64QAM	50	0	16.66	16.69	16.72	16.83	16.74		
10	256QAM	1	0	16.75	16.55	16.74	16.56	16.77	18	0
10	256QAM	1	25	16.55	16.62	16.88	16.79	16.86		
10	256QAM	1	49	16.63	16.62	16.73	16.73	16.72		
10	256QAM	25	0	16.60	16.50	16.66	16.74	16.57	18	0
10	256QAM	25	12	16.61	16.74	16.77	16.65	16.61		
10	256QAM	25	25	16.71	16.77	16.77	16.66	16.73		
10	256QAM	50	0	16.44	16.49	16.79	16.84	16.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.76	16.84	16.84	16.80	16.88	18	0
5	QPSK	1	12	16.57	16.68	16.76	16.77	16.74		
5	QPSK	1	24	16.65	16.80	16.66	16.67	16.66		
5	QPSK	12	0	16.63	16.79	16.72	16.70	16.74	18	0
5	QPSK	12	7	16.57	16.54	16.71	16.57	16.61		
5	QPSK	12	13	16.58	16.61	16.71	16.52	16.83		
5	QPSK	25	0	16.62	16.55	16.68	16.70	16.74		
5	16QAM	1	0	16.42	16.57	16.85	16.69	16.79	18	0
5	16QAM	1	12	16.57	16.43	16.64	16.59	16.74		
5	16QAM	1	24	16.49	16.58	16.75	16.59	16.78		
5	16QAM	12	0	16.38	16.45	16.84	16.84	16.80	18	0
5	16QAM	12	7	16.70	16.66	16.86	16.58	16.51		
5	16QAM	12	13	16.53	16.50	16.69	16.56	16.67		
5	16QAM	25	0	16.65	16.54	16.82	16.74	16.56		
5	64QAM	1	0	16.40	16.46	16.56	16.71	16.54	18	0
5	64QAM	1	12	16.54	16.58	16.58	16.57	16.61		
5	64QAM	1	24	16.70	16.74	16.71	16.69	16.77		
5	64QAM	12	0	16.49	16.72	16.72	16.51	16.76	18	0
5	64QAM	12	7	16.53	16.52	16.76	16.85	16.58		
5	64QAM	12	13	16.52	16.75	16.80	16.58	16.64		
5	64QAM	25	0	16.64	16.62	16.65	16.73	16.53		
5	256QAM	1	0	16.58	16.44	16.54	16.65	16.87	18	0
5	256QAM	1	12	16.58	16.67	16.76	16.69	16.87		
5	256QAM	1	24	16.49	16.62	16.75	16.64	16.88		
5	256QAM	12	0	16.60	16.45	16.68	16.74	16.70	18	0
5	256QAM	12	7	16.46	16.60	16.63	16.49	16.71		
5	256QAM	12	13	16.62	16.61	16.78	16.65	16.73		
5	256QAM	25	0	16.46	16.45	16.73	16.80	16.66		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.82	24.85	24.89	24.82	24.86	25.7	0
20	QPSK	1	49	24.79	24.74	24.80	24.76	24.75		
20	QPSK	1	99	24.80	24.67	23.95	24.75	24.69		
20	QPSK	50	0	24.05	24.04	24.12	24.02	24.06	24.7	1
20	QPSK	50	24	23.97	23.96	23.98	24.01	24.01		
20	QPSK	50	50	24.01	23.98	24.08	24.00	24.03		
20	QPSK	100	0	24.00	23.96	24.05	23.99	24.02		
20	16QAM	1	0	24.02	23.94	24.02	23.94	24.45	24.7	1
20	16QAM	1	49	24.04	23.98	24.07	24.00	24.38		
20	16QAM	1	99	24.09	24.15	24.06	24.07	24.23		
20	16QAM	50	0	22.99	22.95	22.99	23.01	23.41	23.7	2
20	16QAM	50	24	23.04	22.96	22.99	23.01	23.39		
20	16QAM	50	50	23.14	23.03	23.06	23.03	23.34		
20	16QAM	100	0	23.06	22.96	23.02	22.99	23.36		
20	64QAM	1	0	22.73	22.63	22.73	22.64	23.16	23.7	2
20	64QAM	1	49	22.74	22.67	22.75	22.72	23.09		
20	64QAM	1	99	22.79	22.85	22.75	22.75	22.95		
20	64QAM	50	0	21.95	21.92	21.96	21.98	22.39	22.7	3
20	64QAM	50	24	22.01	21.94	21.96	21.97	22.34		
20	64QAM	50	50	22.12	22.00	22.05	21.99	22.32		
20	64QAM	100	0	22.02	21.94	21.97	21.96	22.36		
20	256QAM	1	0	19.67	19.63	19.71	19.61	19.70	20.7	5
20	256QAM	1	49	19.68	19.74	19.75	19.72	19.72		
20	256QAM	1	99	19.79	19.76	19.85	19.83	19.75		
20	256QAM	50	0	19.58	19.64	19.65	19.56	19.63	20.7	5
20	256QAM	50	24	19.68	19.66	19.77	19.69	19.75		
20	256QAM	50	50	19.57	19.65	19.68	19.62	19.57		
20	256QAM	100	0	19.52	19.55	19.62	19.61	19.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.78	24.73	24.79	24.76	24.82	25.7	0
15	QPSK	1	37	24.71	24.64	24.71	24.70	24.68		
15	QPSK	1	74	24.77	24.63	23.90	24.65	24.64		
15	QPSK	36	0	23.93	23.95	24.02	23.93	23.98	24.7	1
15	QPSK	36	20	23.86	23.84	23.91	23.94	23.90		
15	QPSK	36	39	23.93	23.9	24.00	23.95	24.00		
15	QPSK	75	0	23.98	23.88	24.02	23.94	24.00		
15	16QAM	1	0	23.99	23.93	24.00	23.83	24.41	24.7	1
15	16QAM	1	37	23.95	23.88	24.04	23.99	24.28		
15	16QAM	1	74	24.06	24.06	23.95	24.01	24.19		
15	16QAM	36	0	22.94	22.87	22.90	22.95	23.31	23.7	2
15	16QAM	36	20	23.01	22.94	22.95	22.97	23.37		
15	16QAM	36	39	23.05	22.94	22.98	23.02	23.27		
15	16QAM	75	0	23.03	22.84	22.90	22.98	23.33		
15	64QAM	1	0	22.61	22.55	22.67	22.53	23.04	23.7	2
15	64QAM	1	37	22.70	22.59	22.71	22.62	23.06		
15	64QAM	1	74	22.74	22.74	22.73	22.71	22.94		
15	64QAM	36	0	21.84	21.8	21.89	21.86	22.38	22.7	3
15	64QAM	36	20	21.94	21.85	21.86	21.92	22.23		
15	64QAM	36	39	22.08	21.98	22.00	21.94	22.26		
15	64QAM	75	0	21.93	21.82	21.87	21.95	22.34		
15	256QAM	1	0	19.63	19.54	19.63	19.56	19.58	20.7	5
15	256QAM	1	37	19.67	19.71	19.73	19.70	19.68		
15	256QAM	1	74	19.78	19.66	19.78	19.79	19.72		
15	256QAM	36	0	19.53	19.53	19.64	19.47	19.60	20.7	5
15	256QAM	36	20	19.59	19.62	19.69	19.68	19.72		
15	256QAM	36	39	19.52	19.55	19.62	19.60	19.45		
15	256QAM	75	0	19.47	19.52	19.61	19.60	19.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.79	24.81	24.80	24.73	24.80	25.7	0
10	QPSK	1	25	24.71	24.71	24.68	24.72	24.73		
10	QPSK	1	49	24.77	24.56	23.91	24.73	24.66		
10	QPSK	25	0	23.99	23.95	24.08	23.90	24.02	24.7	1
10	QPSK	25	12	23.89	23.91	23.95	23.90	23.90		
10	QPSK	25	25	23.97	23.92	24.06	23.96	23.92		
10	QPSK	50	0	23.90	23.94	24.01	23.96	23.95		
10	16QAM	1	0	24.01	23.91	23.90	23.88	24.43	24.7	1
10	16QAM	1	25	23.97	23.96	23.95	23.94	24.27		
10	16QAM	1	49	24.03	24.13	23.94	23.98	24.11		
10	16QAM	25	0	22.87	22.87	22.88	22.89	23.39	23.7	2
10	16QAM	25	12	23.01	22.92	22.98	22.89	23.35		
10	16QAM	25	25	23.02	22.99	23.00	23.01	23.32		
10	16QAM	50	0	23.00	22.86	22.90	22.94	23.26		
10	64QAM	1	0	22.63	22.56	22.65	22.52	23.14	23.7	2
10	64QAM	1	25	22.65	22.61	22.72	22.66	23.00		
10	64QAM	1	49	22.67	22.83	22.73	22.69	22.86		
10	64QAM	25	0	21.94	21.86	21.88	21.90	22.36	22.7	3
10	64QAM	25	12	21.96	21.87	21.88	21.96	22.22		
10	64QAM	25	25	22.07	21.98	21.96	21.91	22.31		
10	64QAM	50	0	21.94	21.88	21.86	21.93	22.27		
10	256QAM	1	0	19.62	19.54	19.67	19.51	19.63	20.7	5
10	256QAM	1	25	19.63	19.68	19.73	19.62	19.70		
10	256QAM	1	49	19.69	19.72	19.79	19.78	19.70		
10	256QAM	25	0	19.57	19.61	19.57	19.46	19.60	20.7	5
10	256QAM	25	12	19.61	19.63	19.66	19.68	19.65		
10	256QAM	25	25	19.45	19.56	19.61	19.55	19.47		
10	256QAM	50	0	19.42	19.52	19.59	19.54	19.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.79	24.81	24.79	24.76	25.7	0
5	QPSK	1	12	24.76	24.64	24.74	24.68	24.68		
5	QPSK	1	24	24.72	24.64	23.90	24.69	24.67		
5	QPSK	12	0	24.03	23.97	24.03	24.00	24.01	24.7	1
5	QPSK	12	7	23.93	23.93	23.89	24.00	23.94		
5	QPSK	12	13	23.96	23.86	24.06	23.94	23.94		
5	QPSK	25	0	23.97	23.92	23.97	23.94	23.93		
5	16QAM	1	0	24.01	23.87	23.96	23.89	24.35	24.7	1
5	16QAM	1	12	24.01	23.94	24.01	23.97	24.28		
5	16QAM	1	24	23.99	24.10	23.96	24.03	24.19		
5	16QAM	12	0	22.93	22.91	22.88	22.96	23.34	23.7	2
5	16QAM	12	7	23.03	22.87	22.87	22.97	23.36		
5	16QAM	12	13	23.12	22.92	23.01	22.98	23.27		
5	16QAM	25	0	22.97	22.90	23.01	22.97	23.29		
5	64QAM	1	0	22.68	22.59	22.70	22.58	23.13	23.7	2
5	64QAM	1	12	22.73	22.62	22.68	22.60	23.06		
5	64QAM	1	24	22.77	22.73	22.71	22.64	22.92		
5	64QAM	12	0	21.88	21.90	21.86	21.90	22.30	22.7	3
5	64QAM	12	7	21.98	21.91	21.86	21.90	22.24		
5	64QAM	12	13	22.03	21.94	21.97	21.87	22.24		
5	64QAM	25	0	21.97	21.90	21.89	21.91	22.31		
5	256QAM	1	0	19.62	19.53	19.61	19.58	19.62	20.7	5
5	256QAM	1	12	19.56	19.70	19.67	19.70	19.71		
5	256QAM	1	24	19.72	19.64	19.82	19.80	19.67		
5	256QAM	12	0	19.52	19.58	19.56	19.54	19.62	20.7	5
5	256QAM	12	7	19.57	19.59	19.76	19.59	19.74		
5	256QAM	12	13	19.56	19.60	19.65	19.53	19.53		
5	256QAM	25	0	19.42	19.47	19.54	19.52	19.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.19	19.12	19.33	19.24	19.28	20	0
20	QPSK	1	49	19.14	18.95	19.23	19.21	19.26		
20	QPSK	1	99	19.10	18.92	19.28	19.15	19.22		
20	QPSK	50	0	19.16	19.05	19.30	19.25	19.28	20	0
20	QPSK	50	24	19.09	18.92	19.18	19.13	19.19		
20	QPSK	50	50	19.12	18.98	19.24	19.16	19.18		
20	QPSK	100	0	19.03	19.01	19.21	19.11	19.20		
20	16QAM	1	0	19.14	18.99	19.23	19.24	19.24	20	0
20	16QAM	1	49	19.09	18.96	19.29	19.18	19.27		
20	16QAM	1	99	19.01	19.03	19.27	19.13	19.22		
20	16QAM	50	0	19.08	19.00	19.26	19.14	19.22	20	0
20	16QAM	50	24	19.03	19.02	19.20	19.20	19.23		
20	16QAM	50	50	19.09	19.01	19.26	19.16	19.13		
20	16QAM	100	0	19.09	19.02	19.25	19.24	19.13		
20	64QAM	1	0	19.08	18.94	19.19	19.10	19.13	20	0
20	64QAM	1	49	19.02	18.92	19.25	19.24	19.13		
20	64QAM	1	99	19.14	18.90	19.23	19.14	19.18		
20	64QAM	50	0	19.14	18.96	19.22	19.18	19.21	20	0
20	64QAM	50	24	19.08	18.98	19.19	19.18	19.22		
20	64QAM	50	50	19.10	18.94	19.22	19.21	19.19		
20	64QAM	100	0	19.05	18.91	19.24	19.20	19.21		
20	256QAM	1	0	18.57	18.54	18.75	18.71	18.67	19.5	0.5
20	256QAM	1	49	18.59	18.40	18.70	18.72	18.77		
20	256QAM	1	99	18.53	18.50	18.67	18.72	18.65		
20	256QAM	50	0	18.63	18.48	18.75	18.67	18.75	19.5	0.5
20	256QAM	50	24	18.63	18.51	18.71	18.70	18.66		
20	256QAM	50	50	18.52	18.41	18.76	18.60	18.69		
20	256QAM	100	0	18.55	18.41	18.73	18.67	18.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.16	19.09	19.24	19.16	19.14	20	0
15	QPSK	1	37	19.12	18.83	19.13	19.06	19.12		
15	QPSK	1	74	18.98	18.78	19.19	19.05	19.12		
15	QPSK	36	0	19.11	18.93	19.16	19.14	19.13	20	0
15	QPSK	36	20	18.94	18.87	19.06	19.08	19.16		
15	QPSK	36	39	19.09	18.84	19.09	19.11	19.15		
15	QPSK	75	0	19.00	18.91	19.06	18.96	19.09		
15	16QAM	1	0	19.03	18.94	19.15	19.17	19.18	20	0
15	16QAM	1	37	19.05	18.91	19.22	19.13	19.24		
15	16QAM	1	74	18.86	18.99	19.14	19.04	19.18		
15	16QAM	36	0	18.93	18.94	19.15	19.10	19.20	20	0
15	16QAM	36	20	18.89	19.01	19.07	19.08	19.17		
15	16QAM	36	39	19.01	18.96	19.17	19.08	18.98		
15	16QAM	75	0	19.04	18.99	19.14	19.20	18.98		
15	64QAM	1	0	19.07	18.80	19.16	19.06	19.05	20	0
15	64QAM	1	37	18.93	18.87	19.17	19.19	18.98		
15	64QAM	1	74	19.09	18.77	19.12	19.02	19.14		
15	64QAM	36	0	19.02	18.84	19.17	19.10	19.14	20	0
15	64QAM	36	20	18.96	18.97	19.05	19.12	19.18		
15	64QAM	36	39	19.00	18.87	19.15	19.15	19.11		
15	64QAM	75	0	18.96	18.79	19.16	19.13	19.11		
15	256QAM	1	0	18.54	18.39	18.71	18.59	18.58	19.5	0.5
15	256QAM	1	37	18.53	18.28	18.56	18.60	18.71		
15	256QAM	1	74	18.49	18.47	18.56	18.71	18.57		
15	256QAM	36	0	18.53	18.36	18.72	18.62	18.73	19.5	0.5
15	256QAM	36	20	18.51	18.42	18.70	18.69	18.58		
15	256QAM	36	39	18.40	18.36	18.68	18.58	18.64		
15	256QAM	75	0	18.40	18.29	18.61	18.66	18.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.14	19.02	19.22	19.15	19.21	20	0
10	QPSK	1	25	19.13	18.81	19.10	19.06	19.11		
10	QPSK	1	49	19.02	18.80	19.16	19.07	19.14		
10	QPSK	25	0	19.01	19.04	19.23	19.13	19.14	20	0
10	QPSK	25	12	18.98	18.79	19.10	19.12	19.12		
10	QPSK	25	25	19.11	18.96	19.17	19.03	19.16		
10	QPSK	50	0	19.00	18.96	19.19	19.08	19.05		
10	16QAM	1	0	19.05	18.88	19.14	19.16	19.09	20	0
10	16QAM	1	25	18.96	18.89	19.22	19.05	19.21		
10	16QAM	1	49	18.94	18.94	19.21	19.11	19.07		
10	16QAM	25	0	18.95	18.87	19.14	19.02	19.13	20	0
10	16QAM	25	12	18.94	18.95	19.15	19.14	19.12		
10	16QAM	25	25	18.94	18.86	19.15	19.02	19.11		
10	16QAM	50	0	19.08	18.96	19.19	19.20	19.00		
10	64QAM	1	0	19.04	18.90	19.05	18.95	19.02	20	0
10	64QAM	1	25	18.87	18.90	19.21	19.11	19.12		
10	64QAM	1	49	19.08	18.82	19.18	19.05	19.10		
10	64QAM	25	0	18.99	18.90	19.10	19.12	19.18	20	0
10	64QAM	25	12	18.96	18.91	19.09	19.04	19.09		
10	64QAM	25	25	19.04	18.86	19.18	19.17	19.11		
10	64QAM	50	0	19.02	18.76	19.23	19.14	19.16		
10	256QAM	1	0	18.48	18.43	18.74	18.64	18.55	19.5	0.5
10	256QAM	1	25	18.57	18.38	18.69	18.69	18.64		
10	256QAM	1	49	18.47	18.39	18.55	18.59	18.53		
10	256QAM	25	0	18.53	18.47	18.69	18.66	18.65	19.5	0.5
10	256QAM	25	12	18.60	18.39	18.70	18.56	18.58		
10	256QAM	25	25	18.37	18.36	18.64	18.46	18.65		
10	256QAM	50	0	18.48	18.36	18.61	18.58	18.66		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.07	19.05	19.18	19.12	19.15	20	0
5	QPSK	1	12	19.02	18.91	19.10	19.18	19.13		
5	QPSK	1	24	18.97	18.86	19.14	19.03	19.13		
5	QPSK	12	0	19.15	18.91	19.17	19.16	19.24	20	0
5	QPSK	12	7	19.04	18.80	19.13	19.07	19.08		
5	QPSK	12	13	19.06	18.87	19.19	19.02	19.03		
5	QPSK	25	0	18.93	18.90	19.20	19.08	19.05		
5	16QAM	1	0	19.07	18.91	19.20	19.16	19.20	20	0
5	16QAM	1	12	18.98	18.95	19.23	19.07	19.21		
5	16QAM	1	24	18.95	18.95	19.15	19.12	19.09		
5	16QAM	12	0	18.98	18.99	19.12	19.11	19.17	20	0
5	16QAM	12	7	18.91	18.89	19.15	19.15	19.15		
5	16QAM	12	13	18.95	18.94	19.18	19.13	19.10		
5	16QAM	25	0	19.02	19.01	19.13	19.16	19.10		
5	64QAM	1	0	19.04	18.91	19.06	19.04	19.10	20	0
5	64QAM	1	12	18.90	18.86	19.14	19.12	18.99		
5	64QAM	1	24	19.00	18.84	19.12	19.02	19.14		
5	64QAM	12	0	19.03	18.84	19.12	19.16	19.16	20	0
5	64QAM	12	7	18.96	18.84	19.15	19.10	19.12		
5	64QAM	12	13	18.96	18.82	19.20	19.07	19.13		
5	64QAM	25	0	19.01	18.83	19.14	19.11	19.10		
5	256QAM	1	0	18.47	18.52	18.63	18.69	18.54	19.5	0.5
5	256QAM	1	12	18.53	18.36	18.64	18.58	18.73		
5	256QAM	1	24	18.48	18.43	18.65	18.57	18.60		
5	256QAM	12	0	18.51	18.39	18.69	18.57	18.74	19.5	0.5
5	256QAM	12	7	18.61	18.39	18.69	18.67	18.62		
5	256QAM	12	13	18.44	18.32	18.65	18.55	18.56		
5	256QAM	25	0	18.51	18.32	18.63	18.63	18.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.01	17.99	18.20	17.99	18.10	18.7	0
20	QPSK	1	49	17.94	17.65	18.10	17.88	17.93		
20	QPSK	1	99	17.98	17.74	18.12	17.79	18.01		
20	QPSK	50	0	17.84	17.68	18.16	17.86	17.90	18.7	0
20	QPSK	50	24	17.79	17.58	18.15	17.66	17.82		
20	QPSK	50	50	17.70	17.62	18.07	17.84	17.87		
20	QPSK	100	0	17.83	17.60	18.10	17.73	17.73		
20	16QAM	1	0	17.76	17.49	18.07	17.66	17.86	18.7	0
20	16QAM	1	49	17.78	17.66	18.00	17.83	17.81		
20	16QAM	1	99	17.68	17.49	18.06	17.85	17.83		
20	16QAM	50	0	17.80	17.66	18.10	17.81	17.77	18.7	0
20	16QAM	50	24	17.71	17.61	18.04	17.68	17.80		
20	16QAM	50	50	17.79	17.57	18.00	17.68	17.79		
20	16QAM	100	0	17.71	17.66	18.19	17.68	17.74		
20	64QAM	1	0	17.73	17.57	18.12	17.76	17.86	18.7	0
20	64QAM	1	49	17.83	17.49	18.12	17.82	17.84		
20	64QAM	1	99	17.82	17.62	18.09	17.66	17.84		
20	64QAM	50	0	17.65	17.52	18.17	17.70	17.79	18.7	0
20	64QAM	50	24	17.64	17.51	18.07	17.74	17.78		
20	64QAM	50	50	17.83	17.62	18.06	17.76	17.79		
20	64QAM	100	0	17.69	17.64	18.07	17.71	17.71		
20	256QAM	1	0	17.92	17.61	18.11	17.94	17.84	18.7	0
20	256QAM	1	49	17.94	17.70	18.19	17.86	17.91		
20	256QAM	1	99	17.90	17.67	18.19	17.90	17.98		
20	256QAM	50	0	17.77	17.62	18.14	17.94	18.01	18.7	0
20	256QAM	50	24	17.83	17.68	18.14	17.81	17.93		
20	256QAM	50	50	17.90	17.71	18.16	17.82	17.92		
20	256QAM	100	0	17.89	17.65	18.19	17.83	17.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.99	17.87	18.13	17.98	18.07	18.7	0
15	QPSK	1	37	17.92	17.60	18.02	17.85	17.82		
15	QPSK	1	74	17.89	17.63	18.01	17.74	17.98		
15	QPSK	36	0	17.73	17.65	18.02	17.72	17.83	18.7	0
15	QPSK	36	20	17.68	17.54	18.05	17.61	17.74		
15	QPSK	36	39	17.68	17.55	18.06	17.77	17.83		
15	QPSK	75	0	17.82	17.55	17.97	17.67	17.61		
15	16QAM	1	0	17.74	17.44	18.00	17.64	17.81	18.7	0
15	16QAM	1	37	17.65	17.61	17.85	17.68	17.74		
15	16QAM	1	74	17.55	17.38	17.99	17.73	17.81		
15	16QAM	36	0	17.68	17.54	17.96	17.74	17.72	18.7	0
15	16QAM	36	20	17.64	17.60	18.01	17.54	17.67		
15	16QAM	36	39	17.72	17.54	17.96	17.61	17.73		
15	16QAM	75	0	17.64	17.65	18.15	17.61	17.73		
15	64QAM	1	0	17.66	17.51	17.98	17.71	17.80	18.7	0
15	64QAM	1	37	17.72	17.43	17.99	17.78	17.82		
15	64QAM	1	74	17.69	17.58	17.98	17.62	17.80		
15	64QAM	36	0	17.62	17.46	18.12	17.57	17.68	18.7	0
15	64QAM	36	20	17.54	17.49	17.97	17.62	17.63		
15	64QAM	36	39	17.76	17.48	17.91	17.65	17.76		
15	64QAM	75	0	17.55	17.54	17.92	17.69	17.57		
15	256QAM	1	0	17.90	17.56	18.05	17.79	17.74	18.7	0
15	256QAM	1	37	17.89	17.59	18.17	17.84	17.83		
15	256QAM	1	74	17.87	17.55	18.14	17.80	17.90		
15	256QAM	36	0	17.63	17.49	18.12	17.93	17.94	18.7	0
15	256QAM	36	20	17.72	17.61	18.01	17.79	17.81		
15	256QAM	36	39	17.87	17.56	18.10	17.76	17.89		
15	256QAM	75	0	17.81	17.58	18.13	17.82	17.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.91	17.84	18.16	17.90	18.06	18.7	0
10	QPSK	1	25	17.89	17.62	18.04	17.84	17.90		
10	QPSK	1	49	17.88	17.60	18.02	17.66	17.86		
10	QPSK	25	0	17.71	17.53	18.10	17.81	17.83	18.7	0
10	QPSK	25	12	17.75	17.53	18.06	17.52	17.71		
10	QPSK	25	25	17.69	17.60	18.00	17.79	17.75		
10	QPSK	50	0	17.75	17.59	17.99	17.60	17.70		
10	16QAM	1	0	17.64	17.39	18.00	17.56	17.81	18.7	0
10	16QAM	1	25	17.77	17.56	17.94	17.82	17.71		
10	16QAM	1	49	17.54	17.34	17.97	17.84	17.76		
10	16QAM	25	0	17.72	17.60	17.96	17.72	17.76	18.7	0
10	16QAM	25	12	17.60	17.53	18.02	17.60	17.77		
10	16QAM	25	25	17.71	17.44	17.95	17.57	17.65		
10	16QAM	50	0	17.69	17.63	18.08	17.60	17.69		
10	64QAM	1	0	17.60	17.53	18.10	17.71	17.75	18.7	0
10	64QAM	1	25	17.68	17.43	17.99	17.79	17.77		
10	64QAM	1	49	17.77	17.61	18.02	17.61	17.71		
10	64QAM	25	0	17.58	17.41	18.05	17.58	17.64	18.7	0
10	64QAM	25	12	17.56	17.36	18.04	17.59	17.67		
10	64QAM	25	25	17.80	17.50	17.96	17.66	17.74		
10	64QAM	50	0	17.62	17.51	17.95	17.57	17.56		
10	256QAM	1	0	17.77	17.48	18.01	17.93	17.72	18.7	0
10	256QAM	1	25	17.83	17.68	18.04	17.72	17.80		
10	256QAM	1	49	17.84	17.59	18.09	17.87	17.91		
10	256QAM	25	0	17.68	17.50	18.11	17.87	17.95	18.7	0
10	256QAM	25	12	17.77	17.53	18.12	17.69	17.89		
10	256QAM	25	25	17.83	17.67	18.08	17.67	17.90		
10	256QAM	50	0	17.84	17.61	18.11	17.81	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.98	17.92	18.08	17.93	18.01	18.7	0
5	QPSK	1	12	17.81	17.54	18.04	17.75	17.86		
5	QPSK	1	24	17.97	17.63	18.04	17.75	17.99		
5	QPSK	12	0	17.69	17.60	18.11	17.81	17.81	18.7	0
5	QPSK	12	7	17.76	17.44	18.11	17.65	17.76		
5	QPSK	12	13	17.69	17.57	17.98	17.80	17.75		
5	QPSK	25	0	17.74	17.56	17.95	17.67	17.68		
5	16QAM	1	0	17.66	17.39	18.05	17.52	17.80	18.7	0
5	16QAM	1	12	17.70	17.65	17.89	17.80	17.78		
5	16QAM	1	24	17.57	17.47	17.95	17.80	17.72		
5	16QAM	12	0	17.66	17.53	18.01	17.71	17.75	18.7	0
5	16QAM	12	7	17.67	17.56	18.02	17.63	17.70		
5	16QAM	12	13	17.72	17.54	17.91	17.61	17.76		
5	16QAM	25	0	17.68	17.59	18.10	17.54	17.65		
5	64QAM	1	0	17.70	17.52	17.98	17.72	17.75	18.7	0
5	64QAM	1	12	17.70	17.37	18.03	17.79	17.83		
5	64QAM	1	24	17.67	17.60	18.07	17.55	17.69		
5	64QAM	12	0	17.58	17.49	18.08	17.63	17.64	18.7	0
5	64QAM	12	7	17.57	17.42	17.94	17.65	17.68		
5	64QAM	12	13	17.72	17.52	18.04	17.66	17.67		
5	64QAM	25	0	17.67	17.50	17.93	17.63	17.56		
5	256QAM	1	0	17.84	17.48	17.98	17.79	17.77	18.7	0
5	256QAM	1	12	17.93	17.68	18.10	17.79	17.86		
5	256QAM	1	24	17.83	17.64	18.05	17.84	17.92		
5	256QAM	12	0	17.62	17.56	18.13	17.79	17.99	18.7	0
5	256QAM	12	7	17.70	17.54	18.00	17.74	17.88		
5	256QAM	12	13	17.77	17.67	18.04	17.72	17.79		
5	256QAM	25	0	17.84	17.58	18.07	17.70	17.77		

Reduced Power for DSI1 ENDC&ULCA_Main PA

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.11	17.27	17.18		
20	QPSK	1	49	17.05	17.14	17.15	18.5	0
20	QPSK	1	99	17.05	17.14	17.07		
20	QPSK	50	0	17.00	17.22	17.19		
20	QPSK	50	24	17.05	17.15	17.17	18.5	0
20	QPSK	50	50	16.98	17.14	17.18		
20	QPSK	100	0	17.09	17.17	17.08		
20	16QAM	1	0	16.96	17.07	17.13		
20	16QAM	1	49	17.04	17.18	17.10	18.5	0
20	16QAM	1	99	17.01	17.17	17.09		
20	16QAM	50	0	16.99	17.20	17.10		
20	16QAM	50	24	17.00	17.06	17.16	18.5	0
20	16QAM	50	50	17.10	17.08	17.18		
20	16QAM	100	0	16.98	17.12	17.16		
20	64QAM	1	0	16.98	17.14	17.16		
20	64QAM	1	49	17.00	17.11	17.16	18.5	0
20	64QAM	1	99	17.04	17.08	17.21		
20	64QAM	50	0	17.10	17.17	17.22		
20	64QAM	50	24	17.08	17.19	17.10	18.5	0
20	64QAM	50	50	17.01	17.11	17.12		
20	64QAM	100	0	17.03	17.10	17.09		
20	256QAM	1	0	17.04	17.14	17.16	18.5	0
20	256QAM	1	49	17.00	17.20	17.19		
20	256QAM	1	99	17.00	17.17	17.21		
20	256QAM	50	0	16.99	17.17	17.21		
20	256QAM	50	24	16.97	17.09	17.13	18.5	0
20	256QAM	50	50	17.06	17.20	17.12		
20	256QAM	100	0	17.00	17.14	17.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.14	17.24	17.22		
15	QPSK	1	37	16.96	17.15	17.10	18.5	0
15	QPSK	1	74	16.99	17.07	17.00		
15	QPSK	36	0	16.98	17.23	17.20		
15	QPSK	36	20	17.09	17.12	17.21	18.5	0
15	QPSK	36	39	16.98	17.08	17.11		
15	QPSK	75	0	17.12	17.09	17.12		
15	16QAM	1	0	16.88	17.01	17.05		
15	16QAM	1	37	17.08	17.22	17.03	18.5	0
15	16QAM	1	74	16.94	17.13	17.10		
15	16QAM	36	0	16.95	17.13	17.03		
15	16QAM	36	20	17.10	16.98	17.03	18.5	0
15	16QAM	36	39	17.02	17.10	17.17		
15	16QAM	75	0	17.01	17.10	17.07		
15	64QAM	1	0	16.90	17.06	17.19		
15	64QAM	1	37	16.92	17.07	17.16	18.5	0
15	64QAM	1	74	17.00	17.10	17.19		
15	64QAM	36	0	17.15	17.12	17.20		
15	64QAM	36	20	17.03	17.20	17.15	18.5	0
15	64QAM	36	39	16.97	17.03	17.05		
15	64QAM	75	0	16.96	17.03	17.11		
15	256QAM	1	0	16.95	17.16	17.19		
15	256QAM	1	37	16.91	17.23	17.22	18.5	0
15	256QAM	1	74	17.14	17.11	17.18		
15	256QAM	36	0	17.01	17.14	17.17		
15	256QAM	36	20	17.02	17.05	17.06	18.5	0
15	256QAM	36	39	17.00	17.21	17.13		
15	256QAM	75	0	16.96	17.16	17.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.12	17.24	17.13		
10	QPSK	1	25	16.99	17.16	17.11	18.5	0
10	QPSK	1	49	17.06	17.06	16.98		
10	QPSK	25	0	17.07	17.26	17.24		
10	QPSK	25	12	17.08	17.18	17.19	18.5	0
10	QPSK	25	25	16.99	17.12	17.11		
10	QPSK	50	0	17.08	17.10	17.05		
10	16QAM	1	0	17.01	16.98	17.12		
10	16QAM	1	25	16.97	17.11	17.03	18.5	0
10	16QAM	1	49	16.97	17.11	17.06		
10	16QAM	25	0	17.04	17.21	17.08		
10	16QAM	25	12	17.01	17.09	17.12	18.5	0
10	16QAM	25	25	17.13	17.10	17.23		
10	16QAM	50	0	16.94	17.06	17.18		
10	64QAM	1	0	16.91	17.06	17.15		
10	64QAM	1	25	17.06	17.14	17.14	18.5	0
10	64QAM	1	49	16.95	17.09	17.22		
10	64QAM	25	0	17.13	17.15	17.22		
10	64QAM	25	12	17.05	17.22	17.10	18.5	0
10	64QAM	25	25	16.92	17.12	17.14		
10	64QAM	50	0	17.07	17.11	17.05		
10	256QAM	1	0	17.01	17.19	17.19		
10	256QAM	1	25	16.96	17.23	17.12	18.5	0
10	256QAM	1	49	17.07	17.18	17.18		
10	256QAM	25	0	16.93	17.08	17.21		
10	256QAM	25	12	16.97	17.13	17.15	18.5	0
10	256QAM	25	25	17.11	17.22	17.16		
10	256QAM	50	0	17.01	17.17	17.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.15	17.18	17.13		
5	QPSK	1	12	17.07	17.18	17.12	18.5	0
5	QPSK	1	24	17.09	17.17	17.03		
5	QPSK	12	0	17.14	17.27	17.15		
5	QPSK	12	7	16.98	17.07	17.08	18.5	0
5	QPSK	12	13	16.98	17.15	17.13		
5	QPSK	25	0	17.06	17.16	17.13		
5	16QAM	1	0	16.90	17.10	17.13		
5	16QAM	1	12	17.04	17.16	17.12	18.5	0
5	16QAM	1	24	17.01	17.18	17.11		
5	16QAM	12	0	17.07	17.20	17.14		
5	16QAM	12	7	17.09	17.10	17.13	18.5	0
5	16QAM	12	13	17.08	17.00	17.22		
5	16QAM	25	0	16.94	17.11	17.17		
5	64QAM	1	0	16.92	17.14	17.16		
5	64QAM	1	12	16.92	17.11	17.08	18.5	0
5	64QAM	1	24	17.07	17.09	17.13		
5	64QAM	12	0	17.09	17.08	17.22		
5	64QAM	12	7	16.98	17.22	17.08	18.5	0
5	64QAM	12	13	16.93	17.09	17.03		
5	64QAM	25	0	17.07	17.01	17.10		
5	256QAM	1	0	17.09	17.17	17.16		
5	256QAM	1	12	16.94	17.14	17.13	18.5	0
5	256QAM	1	24	17.07	17.13	17.24		
5	256QAM	12	0	16.93	17.11	17.21		
5	256QAM	12	7	17.00	17.04	17.06	18.5	0
5	256QAM	12	13	16.91	17.12	17.09		
5	256QAM	25	0	17.02	17.11	17.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.02	17.25	17.11		
3	QPSK	1	8	17.02	17.15	17.09	18.5	0
3	QPSK	1	14	17.00	17.11	17.08		
3	QPSK	8	0	17.00	17.17	17.12		
3	QPSK	8	4	16.96	17.06	17.06	18.5	0
3	QPSK	8	7	16.92	17.07	17.20		
3	QPSK	15	0	17.14	17.15	17.13		
3	16QAM	1	0	16.89	17.05	17.04		
3	16QAM	1	8	16.97	17.17	17.03	18.5	0
3	16QAM	1	14	16.98	17.10	17.09		
3	16QAM	8	0	16.94	17.23	17.09		
3	16QAM	8	4	17.04	17.01	17.09	18.5	0
3	16QAM	8	7	17.11	17.01	17.16		
3	16QAM	15	0	16.95	17.03	17.10		
3	64QAM	1	0	16.90	17.06	17.18		
3	64QAM	1	8	16.96	17.15	17.14	18.5	0
3	64QAM	1	14	16.99	17.02	17.24		
3	64QAM	8	0	17.14	17.13	17.24		
3	64QAM	8	4	17.06	17.16	17.13	18.5	0
3	64QAM	8	7	16.96	17.10	17.13		
3	64QAM	15	0	16.98	17.02	17.03		
3	256QAM	1	0	16.95	17.08	17.16		
3	256QAM	1	8	16.92	17.19	17.10	18.5	0
3	256QAM	1	14	17.03	17.09	17.21		
3	256QAM	8	0	16.96	17.17	17.15		
3	256QAM	8	4	16.91	17.01	17.17	18.5	0
3	256QAM	8	7	16.98	17.25	17.14		
3	256QAM	15	0	17.01	17.06	17.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.06	17.18	17.17		
1.4	QPSK	1	3	17.01	17.18	17.06	18.5	0
1.4	QPSK	1	5	17.05	17.06	16.98		
1.4	QPSK	3	0	17.05	17.26	17.10		
1.4	QPSK	3	1	17.00	17.09	17.09		
1.4	QPSK	3	3	16.90	17.05	17.17		
1.4	QPSK	6	0	17.01	17.21	17.02	18.5	0
1.4	16QAM	1	0	16.88	17.10	17.07		
1.4	16QAM	1	3	16.98	17.15	17.13		
1.4	16QAM	1	5	16.95	17.17	17.13	18.5	0
1.4	16QAM	3	0	16.97	17.12	17.15		
1.4	16QAM	3	1	17.10	17.03	17.09		
1.4	16QAM	3	3	17.06	17.12	17.20		
1.4	16QAM	6	0	16.99	17.06	17.13	18.5	0
1.4	64QAM	1	0	16.96	17.08	17.17		
1.4	64QAM	1	3	16.98	17.07	17.12		
1.4	64QAM	1	5	17.06	17.00	17.20	18.5	0
1.4	64QAM	3	0	17.09	17.19	17.16		
1.4	64QAM	3	1	17.10	17.16	17.13		
1.4	64QAM	3	3	17.04	17.12	17.13		
1.4	64QAM	6	0	16.97	17.02	17.05	18.5	0
1.4	256QAM	1	0	17.05	17.06	17.08		
1.4	256QAM	1	3	17.03	17.25	17.19	18.5	0
1.4	256QAM	1	5	17.07	17.09	17.14		
1.4	256QAM	3	0	16.94	17.13	17.22		
1.4	256QAM	3	1	16.92	17.00	17.12		
1.4	256QAM	3	3	16.98	17.16	17.15		
1.4	256QAM	6	0	16.91	17.15	17.13	18.5	0

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62		
20	QPSK	1	49	23.53	23.60	23.59	24.5	0
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.62	22.58		
20	QPSK	50	24	22.56	22.56	22.52	23.5	1
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.86	22.81	22.84		
20	16QAM	1	49	22.74	22.83	22.71	23.5	1
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53		
20	16QAM	50	24	21.49	21.57	21.55	22.5	2
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71		
20	64QAM	1	49	21.58	21.47	21.61	22.5	2
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.66	20.57		
20	64QAM	50	24	20.51	20.57	20.61	21.5	3
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.57	18.49		
20	256QAM	1	49	18.46	18.46	18.41	19.5	5
20	256QAM	1	99	18.40	18.47	18.51		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.48	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51		
15	QPSK	1	37	23.43	23.55	23.47	24.5	0
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.52	22.62	22.52		
15	QPSK	36	20	22.48	22.49	22.48	23.5	1
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72		
15	16QAM	1	37	22.69	22.82	22.68	23.5	1
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52		
15	16QAM	36	20	21.45	21.42	21.48	22.5	2
15	16QAM	36	39	21.45	21.49	21.40		
15	16QAM	75	0	21.39	21.50	21.43		
15	64QAM	1	0	21.85	21.61	21.69		
15	64QAM	1	37	21.46	21.64	21.53	22.5	2
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48		
15	64QAM	36	20	20.48	20.53	20.57	21.5	3
15	64QAM	36	39	20.54	20.46	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38		
15	256QAM	1	37	18.41	18.38	18.37	19.5	5
15	256QAM	1	74	18.35	18.38	18.43		
15	256QAM	36	0	18.47	18.45	18.57		
15	256QAM	36	20	18.62	18.55	18.50	19.5	5
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.38	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.45	23.63	23.58		
10	QPSK	1	25	23.45	23.54	23.53	24.5	0
10	QPSK	1	49	23.38	23.52	23.48		
10	QPSK	25	0	22.52	22.51	22.52		
10	QPSK	25	12	22.45	22.47	22.44	23.5	1
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.42	22.48		
10	16QAM	1	0	22.82	22.78	22.73		
10	16QAM	1	25	22.64	22.82	22.70	23.5	1
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.61	21.50		
10	16QAM	25	12	21.47	21.45	21.48	22.5	2
10	16QAM	25	25	21.47	21.46	21.46		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.62		
10	64QAM	1	25	21.53	21.62	21.56	22.5	2
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54		
10	64QAM	25	12	20.50	20.53	20.53	21.5	3
10	64QAM	25	25	20.56	20.44	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.50	18.45		
10	256QAM	1	25	18.36	18.37	18.37	19.5	5
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.49	18.37	18.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.49	23.56	23.57		
5	QPSK	1	12	23.47	23.52	23.56	24.5	0
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.62	22.50		
5	QPSK	12	7	22.49	22.50	22.43	23.5	1
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.52	22.58		
5	16QAM	1	0	22.79	22.77	22.77		
5	16QAM	1	12	22.71	22.77	22.70	23.5	1
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.47	21.47		
5	16QAM	12	7	21.41	21.42	21.43	22.5	2
5	16QAM	12	13	21.47	21.53	21.41		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59		
5	64QAM	1	12	21.55	21.66	21.55	22.5	2
5	64QAM	1	24	21.41	21.46	21.62		
5	64QAM	12	0	20.31	20.64	20.55		
5	64QAM	12	7	20.43	20.37	20.58	21.5	3
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.46	18.43		
5	256QAM	1	12	18.41	18.46	18.34	19.5	5
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.36	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57		
3	QPSK	1	8	23.49	23.50	23.54	24.5	0
3	QPSK	1	14	23.43	23.49	23.52		
3	QPSK	8	0	22.45	22.66	22.44		
3	QPSK	8	4	22.46	22.54	22.45	23.5	1
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.56	22.56	22.53		
3	16QAM	1	0	22.78	22.78	22.80		
3	16QAM	1	8	22.63	22.76	22.61	23.5	1
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.60	21.41		
3	16QAM	8	4	21.37	21.40	21.53	22.5	2
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.61	21.66		
3	64QAM	1	8	21.56	21.63	21.57	22.5	2
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48		
3	64QAM	8	4	20.40	20.49	20.49	21.5	3
3	64QAM	8	7	20.50	20.48	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46		
3	256QAM	1	8	18.43	18.35	18.40	19.5	5
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.38	18.49		
3	256QAM	15	0	18.48	18.39	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53		
1.4	QPSK	1	3	23.51	23.56	23.58	24.5	0
1.4	QPSK	1	5	23.39	23.41	23.59		
1.4	QPSK	3	0	23.52	23.45	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.38	23.49		
1.4	QPSK	6	0	22.46	22.56	22.47	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82		
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75	23.5	1
1.4	16QAM	3	0	22.83	22.85	22.73		
1.4	16QAM	3	1	22.62	22.85	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.47	21.47	22.5	2
1.4	64QAM	1	0	21.59	21.56	21.60		
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56	22.5	2
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.50	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42		
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43	19.5	5
1.4	256QAM	3	0	18.48	18.49	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.39	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65		
10	QPSK	1	25	24.55	24.56	24.64	25.5	0
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64		
10	QPSK	25	12	23.53	23.52	23.62	24.5	1
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82		
10	16QAM	1	25	23.73	23.82	23.81	24.5	1
10	16QA

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.96	20.01	19.95	21	0
20	QPSK	1	49	19.95	19.95	19.82		
20	QPSK	1	99	19.91	19.92	19.92		
20	QPSK	50	0	19.97	19.98	19.96	21	0
20	QPSK	50	24	19.89	19.91	19.94		
20	QPSK	50	50	19.84	19.93	19.80		
20	QPSK	100	0	19.94	19.95	19.83		
20	16QAM	1	0	19.82	19.94	19.83	21	0
20	16QAM	1	49	19.84	19.93	19.87		
20	16QAM	1	99	19.96	19.89	19.87		
20	16QAM	50	0	19.92	19.91	19.94	21	0
20	16QAM	50	24	19.97	19.98	19.96		
20	16QAM	50	50	19.95	19.92	19.94		
20	16QAM	100	0	19.95	19.99	19.95		
20	64QAM	1	0	19.94	19.98	19.99	21	0
20	64QAM	1	49	19.96	19.99	19.95		
20	64QAM	1	99	19.92	19.96	19.93		
20	64QAM	50	0	19.96	19.97	19.93	21	0
20	64QAM	50	24	19.97	19.94	19.95		
20	64QAM	50	50	19.94	19.92	19.87		
20	64QAM	100	0	19.95	19.92	19.97		
20	256QAM	1	0	17.37	17.44	17.40	19	2
20	256QAM	1	49	17.30	17.38	17.31		
20	256QAM	1	99	17.33	17.36	17.33		
20	256QAM	50	0	17.36	17.40	17.35	19	2
20	256QAM	50	24	17.44	17.45	17.42		
20	256QAM	50	50	17.33	17.44	17.43		
20	256QAM	100	0	17.26	17.33	17.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.92	19.89	19.86	21	0
15	QPSK	1	37	19.92	19.84	19.76		
15	QPSK	1	74	19.89	19.81	19.80		
15	QPSK	36	0	19.83	19.90	19.85	21	0
15	QPSK	36	20	19.83	19.87	19.87		
15	QPSK	36	39	19.82	19.90	19.69		
15	QPSK	75	0	19.92	19.87	19.80		
15	16QAM	1	0	19.70	19.91	19.79	21	0
15	16QAM	1	37	19.72	19.91	19.82		
15	16QAM	1	74	19.91	19.84	19.80		
15	16QAM	36	0	19.84	19.85	19.86	21	0
15	16QAM	36	20	19.90	19.92	19.88		
15	16QAM	36	39	19.90	19.85	19.88		
15	16QAM	75	0	19.90	19.92	19.90		
15	64QAM	1	0	19.92	19.96	19.88	21	0
15	64QAM	1	37	19.87	19.97	19.88		
15	64QAM	1	74	19.81	19.91	19.82		
15	64QAM	36	0	19.85	19.87	19.89	21	0
15	64QAM	36	20	19.94	19.84	19.93		
15	64QAM	36	39	19.92	19.84	19.85		
15	64QAM	75	0	19.92	19.81	19.95		
15	256QAM	1	0	17.35	17.36	17.35	19	2
15	256QAM	1	37	17.27	17.28	17.28		
15	256QAM	1	74	17.31	17.24	17.27		
15	256QAM	36	0	17.29	17.33	17.32	19	2
15	256QAM	36	20	17.35	17.39	17.40		
15	256QAM	36	39	17.23	17.42	17.36		
15	256QAM	75	0	17.14	17.28	17.27		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.94	19.96	19.92	21	0
10	QPSK	1	25	19.93	19.93	19.76		
10	QPSK	1	49	19.82	19.80	19.86		
10	QPSK	25	0	19.84	19.88	19.88	21	0
10	QPSK	25	12	19.82	19.85	19.87		
10	QPSK	25	25	19.80	19.83	19.76		
10	QPSK	50	0	19.86	19.84	19.76		
10	16QAM	1	0	19.76	19.85	19.78	21	0
10	16QAM	1	25	19.77	19.90	19.76		
10	16QAM	1	49	19.90	19.86	19.77		
10	16QAM	25	0	19.81	19.87	19.85	21	0
10	16QAM	25	12	19.87	19.95	19.92		
10	16QAM	25	25	19.85	19.85	19.83		
10	16QAM	50	0	19.90	19.90	19.87		
10	64QAM	1	0	19.91	19.87	19.96	21	0
10	64QAM	1	25	19.92	19.88	19.90		
10	64QAM	1	49	19.81	19.86	19.87		
10	64QAM	25	0	19.93	19.85	19.89	21	0
10	64QAM	25	12	19.92	19.85	19.91		
10	64QAM	25	25	19.91	19.83	19.82		
10	64QAM	50	0	19.88	19.89	19.95		
10	256QAM	1	0	17.31	17.38	17.30	19	2
10	256QAM	1	25	17.24	17.35	17.29		
10	256QAM	1	49	17.31	17.27	17.21		
10	256QAM	25	0	17.33	17.37	17.32	19	2
10	256QAM	25	12	17.35	17.42	17.34		
10	256QAM	25	25	17.31	17.32	17.34		
10	256QAM	50	0	17.23	17.37	17.29		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.87	19.98	19.86	21	0
5	QPSK	1	12	19.87	19.87	19.73		
5	QPSK	1	24	19.82	19.89	19.87		
5	QPSK	12	0	19.85	19.92	19.90	21	0
5	QPSK	12	7	19.79	19.82	19.82		
5	QPSK	12	13	19.76	19.83	19.77		
5	QPSK	25	0	19.83	19.92	19.73		
5	16QAM	1	0	19.76	19.82	19.73	21	0
5	16QAM	1	12	19.72	19.91	19.76		
5	16QAM	1	24	19.86	19.78	19.82		
5	16QAM	12	0	19.83	19.85	19.89	21	0
5	16QAM	12	7	19.87	19.92	19.87		
5	16QAM	12	13	19.89	19.81	19.92		
5	16QAM	25	0	19.92	19.90	19.83		
5	64QAM	1	0	19.90	19.90	19.93	21	0
5	64QAM	1	12	19.89	19.94	19.84		
5	64QAM	1	24	19.82	19.88	19.82		
5	64QAM	12	0	19.86	19.93	19.88	21	0
5	64QAM	12	7	19.95	19.88	19.91		
5	64QAM	12	13	19.92	19.81	19.82		
5	64QAM	25	0	19.86	19.87	19.93		
5	256QAM	1	0	17.27	17.35	17.30	19	2
5	256QAM	1	12	17.23	17.34	17.29		
5	256QAM	1	24	17.35	17.30	17.31		
5	256QAM	12	0	17.34	17.33	17.31	19	2
5	256QAM	12	7	17.42	17.34	17.31		
5	256QAM	12	13	17.27	17.40	17.37		
5	256QAM	25	0	17.19	17.23	17.24		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.25	17.35	17.30	18.5	0
20	QPSK	1	49	17.23	17.26	17.29		
20	QPSK	1	99	17.14	17.27	17.20		
20	QPSK	50	0	17.19	17.27	17.24	18.5	0
20	QPSK	50	24	17.15	17.26	17.19		
20	QPSK	50	50	17.18	17.23	17.19		
20	QPSK	100	0	17.07	17.26	17.11		
20	16QAM	1	0	17.13	17.24	17.19	18.5	0
20	16QAM	1	49	17.18	17.23	17.14		
20	16QAM	1	99	17.05	17.16	17.14		
20	16QAM	50	0	17.09	17.19	17.14	18.5	0
20	16QAM	50	24	17.16	17.22	17.22		
20	16QAM	50	50	17.09	17.13	17.11		
20	16QAM	100	0	17.16	17.12	17.11		
20	64QAM	1	0	17.13	17.14	17.17	18.5	0
20	64QAM	1	49	17.04	17.15	17.17		
20	64QAM	1	99	17.16	17.13	17.20		
20	64QAM	50	0	17.11	17.22	17.21	18.5	0
20	64QAM	50	24	17.17	17.15	17.14		
20	64QAM	50	50	17.11	17.19	17.15		
20	64QAM	100	0	17.12	17.25	17.14		
20	256QAM	1	0	17.04	17.23	17.16	18.5	0
20	256QAM	1	49	17.16	17.20	17.13		
20	256QAM	1	99	17.13	17.23	17.14		
20	256QAM	50	0	17.04	17.25	17.17	18.5	0
20	256QAM	50	24	17.04	17.24	17.20		
20	256QAM	50	50	17.08	17.20	17.21		
20	256QAM	100	0	17.08	17.18	17.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.11	17.29	17.24	18.5	0
15	QPSK	1	37	17.17	17.22	17.23		
15	QPSK	1	74	17.06	17.25	17.14		
15	QPSK	36	0	17.08	17.25	17.20	18.5	0
15	QPSK	36	20	17.14	17.14	17.15		
15	QPSK	36	39	17.03	17.11	17.06		
15	QPSK	75	0	17.02	17.16	16.98		
15	16QAM	1	0	17.04	17.22	17.16	18.5	0
15	16QAM	1	37	17.04	17.08	17.01		
15	16QAM	1	74	16.97	17.06	17.13		
15	16QAM	36	0	17.08	17.14	17.10	18.5	0
15	16QAM	36	20	17.12	17.15	17.07		
15	16QAM	36	39	17.02	17.09	17.02		
15	16QAM	75	0	17.07	17.01	17.05		
15	64QAM	1	0	16.99	17.09	17.09	18.5	0
15	64QAM	1	37	17.01	17.04	17.03		
15	64QAM	1	74	17.11	17.11	17.08		
15	64QAM	36	0	17.04	17.08	17.10	18.5	0
15	64QAM	36	20	17.08	17.02	17.03		
15	64QAM	36	39	17.01	17.09	17.04		
15	64QAM	75	0	17.10	17.15	17.03		
15	256QAM	1	0	16.98	17.15	17.13	18.5	0
15	256QAM	1	37	17.06	17.07	17.08		
15	256QAM	1	74	17.03	17.19	17.05		
15	256QAM	36	0	17.00	17.20	17.03	18.5	0
15	256QAM	36	20	16.94	17.13	17.05		
15	256QAM	36	39	17.01	17.15	17.14		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.10	17.16	17.32	18.5	0
10	QPSK	1	25	17.20	17.17	17.16		
10	QPSK	1	49	17.10	17.13	17.19		
10	QPSK	25	0	17.16	17.17	17.09	18.5	0
10	QPSK	25	12	17.07	17.24	17.11		
10	QPSK	25	25	17.11	17.12	17.15		
10	QPSK	50	0	16.97	17.11	17.00		
10	16QAM	1	0	17.00	17.12	17.04	18.5	0
10	16QAM	1	25	17.16	17.19	17.09		
10	16QAM	1	49	16.93	17.06	17.07		
10	16QAM	25	0	16.94	17.08	17.06	18.5	0
10	16QAM	25	12	17.15	17.14	17.10		
10	16QAM	25	25	17.04	17.01	17.06		
10	16QAM	50	0	17.09	17.03	16.97		
10	64QAM	1	0	17.02	17.10	17.06	18.5	0
10	64QAM	1	25	16.94	17.02	17.04		
10	64QAM	1	49	17.15	17.10	17.14		
10	64QAM	25	0	17.02	17.08	17.17	18.5	0
10	64QAM	25	12	17.07	17.02	17.03		
10	64QAM	25	25	17.10	17.11	17.13		
10	64QAM	50	0	17.09	17.16	17.09		
10	256QAM	1	0	16.96	17.11	17.06	18.5	0
10	256QAM	1	25	17.08	17.14	17.11		
10	256QAM	1	49	17.04	17.09	17.02		
10	256QAM	25	0	16.89	17.11	17.02	18.5	0
10	256QAM	25	12	17.02	17.17	17.10		
10	256QAM	25	25	16.98	17.19	17.16		
10	256QAM	50	0	17.03	17.12	17.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.15	17.28	17.28	18.5	0
5	QPSK	1	12	17.09	17.11	17.21		
5	QPSK	1	24	17.08	17.26	17.08		
5	QPSK	12	0	17.08	17.26	17.11	18.5	0
5	QPSK	12	7	17.01	17.23	17.14		
5	QPSK	12	13	17.10	17.16	17.18		
5	QPSK	25	0	17.04	17.14	17.00		
5	16QAM	1	0	17.08	17.18	17.06	18.5	0
5	16QAM	1	12	17.12	17.14	17.13		
5	16QAM	1	24	16.91	17.07	17.10		
5	16QAM	12	0	16.96	17.05	17.07	18.5	0
5	16QAM	12	7	17.01	17.15	17.11		
5	16QAM	12	13	16.97	17.12	16.97		
5	16QAM	25	0	17.09	17.01	17.01		
5	64QAM	1	0	17.01	17.04	17.02	18.5	0
5	64QAM	1	12	16.90	17.06	17.04		
5	64QAM	1	24	17.01	17.10	17.17		
5	64QAM	12	0	17.03	17.17	17.12	18.5	0
5	64QAM	12	7	17.14	17.08	17.01		
5	64QAM	12	13	17.04	17.04	17.07		
5	64QAM	25	0	17.05	17.20	17.00	18.5	0
5	256QAM	1	0	16.97	17.14	17.10		
5	256QAM	1	12	17.09	17.10	17.09		
5	256QAM	1	24	17.12	17.08	17.07		
5	256QAM	12	0	16.91	17.15	17.09	18.5	0
5	256QAM	12	7	16.98	17.19	17.08		
5	256QAM	12	13	17.01	17.14	17.16		
5	256QAM	25	0	16.93	17.05	17.14		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.42	18.43	18.35	19.5	0
20	QPSK	1	49	18.32	18.42	18.28		
20	QPSK	1	99	18.41	18.37	18.21		
20	QPSK	50	0	18.33	18.36	18.32	19.5	0
20	QPSK	50	24	18.31	18.33	18.16		
20	QPSK	50	50	18.27	18.33	18.26		
20	QPSK	100	0	18.25	18.32	18.26		
20	16QAM	1	0	18.29	18.27	18.20	19.5	0
20	16QAM	1	49	18.39	18.24	18.21		
20	16QAM	1	99	18.29	18.25	18.28		
20	16QAM	50	0	18.36	18.32	18.27	19.5	0
20	16QAM	50	24	18.35	18.34	18.18		
20	16QAM	50	50	18.27	18.31	18.30		
20	16QAM	100	0	18.36	18.35	18.27		
20	64QAM	1	0	18.32	18.32	18.17	19.5	0
20	64QAM	1	49	18.36	18.31	18.17		
20	64QAM	1	99	18.32	18.22	18.29		
20	64QAM	50	0	18.25	18.17	18.14	19.5	0
20	64QAM	50	24	18.27	18.14	18.20		
20	64QAM	50	50	18.31	18.20	18.16		
20	64QAM	100	0	18.30	18.14	18.28		
20	256QAM	1	0	17.72	17.59	17.65	19	0.5
20	256QAM	1	49	17.75	17.57	17.78		
20	256QAM	1	99	17.71	17.70	17.74		
20	256QAM	50	0	17.70	17.57	17.73	19	0.5
20	256QAM	50	24	17.78	17.70	17.64		
20	256QAM	50	50	17.74	17.57	17.71		
20	256QAM	100	0	17.71	17.68	17.66		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.28	18.29	18.32	19.5	0
15	QPSK	1	37	18.22	18.30	18.27		
15	QPSK	1	74	18.31	18.22	18.20		
15	QPSK	36	0	18.28	18.21	18.19	19.5	0
15	QPSK	36	20	18.19	18.27	18.04		
15	QPSK	36	39	18.16	18.26	18.20		
15	QPSK	75	0	18.12	18.31	18.12		
15	16QAM	1	0	18.24	18.19	18.07	19.5	0
15	16QAM	1	37	18.24	18.12	18.07		
15	16QAM	1	74	18.25	18.22	18.27		
15	16QAM	36	0	18.25	18.28	18.14	19.5	0
15	16QAM	36	20	18.21	18.27	18.12		
15	16QAM	36	39	18.21	18.27	18.24		
15	16QAM	75	0	18.30	18.33	18.17		
15	64QAM	1	0	18.24	18.22	18.15	19.5	0
15	64QAM	1	37	18.24	18.19	18.08		
15	64QAM	1	74	18.23	18.17	18.27		
15	64QAM	36	0	18.15	18.05	18.09	19.5	0
15	64QAM	36	20	18.19	18.09	18.08		
15	64QAM	36	39	18.27	18.19	18.02		
15	64QAM	75	0	18.16	18.01	18.25		
15	256QAM	1	0	17.63	17.46	17.60	19	0.5
15	256QAM	1	37	17.62	17.50	17.69		
15	256QAM	1	74	17.58	17.44	17.71		
15	256QAM	36	0	17.59	17.48	17.62	19	0.5
15	256QAM	36	20	17.72	17.65	17.61		
15	256QAM	36	39	17.63	17.55	17.64		
15	256QAM	75	0	17.67	17.56	17.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.36	18.40	18.26	19.5	0
10	QPSK	1	25	18.28	18.34	18.16		
10	QPSK	1	49	18.34	18.23	18.14		
10	QPSK	25	0	18.20	18.22	18.26	19.5	0
10	QPSK	25	12	18.21	18.19	18.14		
10	QPSK	25	25	18.25	18.29	18.12		
10	QPSK	50	0	18.21	18.21	18.12		
10	16QAM	1	0	18.17	18.19	18.19	19.5	0
10	16QAM	1	25	18.35	18.20	18.18		
10	16QAM	1	49	18.16	18.10	18.25		
10	16QAM	25	0	18.21	18.16	18.19	19.5	0
10	16QAM	25	12	18.23	18.25	18.16		
10	16QAM	25	25	18.29	18.25	18.19		
10	16QAM	50	0	18.29	18.33	18.24		
10	64QAM	1	0	18.24	18.30	18.11	19.5	0
10	64QAM	1	25	18.24	18.22	18.12		
10	64QAM	1	49	18.21	18.16	18.15		
10	64QAM	25	0	18.17	18.08	17.99	19.5	0
10	64QAM	25	12	18.21	18.13	18.15		
10	64QAM	25	25	18.27	18.15	18.13		
10	64QAM	50	0	18.22	18.00	18.27		
10	256QAM	1	0	17.69	17.44	17.61	19	0.5
10	256QAM	1	25	17.60	17.45	17.68		
10	256QAM	1	49	17.56	17.63	17.58		
10	256QAM	25	0	17.59	17.44	17.66	19	0.5
10	256QAM	25	12	17.72	17.65	17.55		
10	256QAM	25	25	17.59	17.53	17.67		
10	256QAM	50	0	17.58	17.64	17.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.35	18.30	18.22	19.5	0
5	QPSK	1	12	18.28	18.30	18.21		
5	QPSK	1	24	18.31	18.34	18.08		
5	QPSK	12	0	18.21	18.30	18.22	19.5	0
5	QPSK	12	7	18.23	18.23	18.06		
5	QPSK	12	13	18.26	18.20	18.13		
5	QPSK	25	0	18.17	18.17	18.12		
5	16QAM	1	0	18.18	18.16	18.08	19.5	0
5	16QAM	1	12	18.33	18.15	18.09		
5	16QAM	1	24	18.19	18.13	18.19		
5	16QAM	12	0	18.21	18.26	18.22	19.5	0
5	16QAM	12	7	18.30	18.21	18.16		
5	16QAM	12	13	18.21	18.17	18.20		
5	16QAM	25	0	18.29	18.32	18.19		
5	64QAM	1	0	18.27	18.25	18.02	19.5	0
5	64QAM	1	12	18.26	18.22	18.11		
5	64QAM	1	24	18.25	18.19	18.16		
5	64QAM	12	0	18.13	18.06	18.13	19.5	0
5	64QAM	12	7	18.24	18.15	18.12		
5	64QAM	12	13	18.22	18.16	18.04		
5	64QAM	25	0	18.22	18.08	18.22		
5	256QAM	1	0	17.67	17.49	17.63	19	0.5
5	256QAM	1	12	17.72	17.43	17.68		
5	256QAM	1	24	17.60	17.67	17.59		
5	256QAM	12	0	17.59	17.50	17.62	19	0.5
5	256QAM	12	7	17.70	17.55	17.57		
5	256QAM	12	13	17.61	17.52	17.64		
5	256QAM	25	0	17.70	17.66	17.63		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.99	21.05	21.00	22	0
20	QPSK	1	49	20.97	21.00	20.98		
20	QPSK	1	99	20.96	20.99	20.96		
20	QPSK	50	0	20.87	20.87	20.83	22	0
20	QPSK	50	24	20.79	20.81	20.78		
20	QPSK	50	50	20.76	20.85	20.81		
20	QPSK	100	0	20.74	20.85	20.83		
20	16QAM	1	0	21.00	21.01	20.92	22	0
20	16QAM	1	49	20.96	20.98	20.94		
20	16QAM	1	99	21.04	21.00	20.96		
20	16QAM	50	0	20.73	20.89	20.92	22	0
20	16QAM	50	24	20.74	20.87	20.89	

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66	25.5	0
15	QPSK	1	37	24.64	24.67	24.61		
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.67	23.61	24.5	1
15	QPSK	36	20	23.60	23.62	23.60		
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87	24.5	1
15	16QAM	1	37	23.79	23.87	23.91		
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74	23.5	2
15	16QAM	36	20	22.57	22.59	22.68		
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79	23.5	2
15	64QAM	1	37	22.71	22.78	22.83		
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72	22.5	3
15	64QAM	36	20	21.56	21.57	21.69		
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.52	21.56	21.70		
15	256QAM	1	0	19.60	19.62	19.80	20.5	5
15	256QAM	1	37	19.52	19.58	19.49		
15	256QAM	1	74	19.61	19.62	19.53		
15	256QAM	36	0	19.50	19.57	19.55	20.5	5
15	256QAM	36	20	19.51	19.57	19.54		
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.59		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.63	24.58	24.56	25.5	0
10	QPSK	1	25	24.52	24.65	24.50		
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.68	23.62	23.56	24.5	1
10	QPSK	25	12	23.51	23.58	23.57		
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81	24.5	1
10	16QAM	1	25	23.71	23.84	23.85		
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65	23.5	2
10	16QAM	25	12	22.52	22.48	22.58		
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77	23.5	2
10	64QAM	1	25	22.66	22.71	22.78		
10	64QAM	1	49	22.64	22.72	22.78		
10	64QAM	25	0	21.47	21.47	21.70	22.5	3
10	64QAM	25	12	21.49	21.47	21.58		
10	64QAM	25	25	21.55	21.54	21.59		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52	20.5	5
10	256QAM	1	25	19.43	19.49	19.48		
10	256QAM	1	49	19.55	19.57	19.58		
10	256QAM	25	0	19.48	19.48	19.49		
10	256QAM	25	12	19.44	19.48	19.47		
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59	25.5	0
5	QPSK	1	12	24.54	24.57	24.52		
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57	24.5	1
5	QPSK	12	7	23.57	23.53	23.56		
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.51	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84	24.5	1
5	16QAM	1	12	23.71	23.85	23.81		
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72	23.5	2
5	16QAM	12	7	22.47	22.50	22.57		
5	16QAM	12	13	22.46	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.62	22.63	22.67	23.5	2
5	64QAM	1	12	22.67	22.67	22.80		
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69	22.5	3
5	64QAM	12	7	21.52	21.46	21.57		
5	64QAM	12	13	21.54	21.52	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59	20.5	5
5	256QAM	1	12	19.51	19.49	19.39		
5	256QAM	1	24	19.57	19.59	19.59		
5	256QAM	12	0	19.40	19.55	19.49	20.5	5
5	256QAM	12	7	19.49	19.50	19.49		
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.39	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56	25.5	0
3	QPSK	1	8	24.62	24.55	24.59		
3	QPSK	1	14	24.46	24.54	24.59		
3	QPSK	8	0	23.55	23.56	23.60	24.5	1
3	QPSK	8	4	23.50	23.53	23.52		
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.46	23.46	23.49		
3	16QAM	1	0	23.68	23.70	23.83	24.5	1
3	16QAM	1	8	23.69	23.82	23.82		
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68	23.5	2
3	16QAM	8	4	22.53	22.51	22.62		
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71	23.5	2
3	64QAM	1	8	22.66	22.71	22.82		
3	64QAM	1	14	22.65	22.74	22.89		
3	64QAM	8	0	21.55	21.39	21.71	22.5	3
3	64QAM	8	4	21.56	21.53	21.56		
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.66		
3	256QAM	1	0	19.58	19.52	19.52	20.5	5
3	256QAM	1	8	19.49	19.53	19.40		
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51	20.5	5
3	256QAM	8	4	19.46	19.47	19.51		
3	256QAM	8	7	19.46	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63	25.5	0
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.57	24.62		
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.55	23.54	23.52	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81	24.5	1
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86		
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.68	22.68	22.82	23.5	2
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71		
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.60	22.73	22.66		
1.4	64QAM	3	3	22.67	22.66	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53	20.5	5
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50		
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.46	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.73	21.87	21.83	23.5	0
15	QPSK	1	37	21.62	21.81	21.80		
15	QPSK	1	74	21.61	21.67	21.72		
15	QPSK	36	0	21.69	21.79	21.75	23.5	0
15	QPSK	36	20	21.59	21.68	21.65		
15	QPSK	36	39	21.66	21.77	21.74		
15	QPSK	75	0	21.57	21.78	21.77		
15	16QAM	1	0	21.85	21.77	21.77	23.5	0
15	16QAM	1	37	21.83	21.79	21.81		
15	16QAM	1	74	21.77	21.82	21.83		
15	16QAM	36	0	21.51	21.71	21.77	23.5	0
15	16QAM	36	20	21.69	21.65	21.70		
15	16QAM	36	39	21.66	21.66	21.79		
15	16QAM	75	0	21.58	21.72	21.75		
15	64QAM	1	0	21.68	21.73	21.83	23.5	0
15	64QAM	1	37	21.70	21.79	21.82		
15	64QAM	1	74	21.81	21.85	21.80		
15	64QAM	36	0	20.59	20.70	20.68	22.5	1
15	64QAM	36	20	20.69	20.65	20.80		
15	64QAM	36	39	20.61	20.69	20.67		
15	64QAM	75	0	20.50	20.72	20.67		
15	256QAM	1	0	18.72	18.68	18.59	20.5	3
15	256QAM	1	37	18.63	18.74	18.68		
15	256QAM	1	74	18.64	18.76	18.82		
15	256QAM	36	0	18.66	18.74	18.63	20.5	3
15	256QAM	36	20	18.51	18.59	18.58		
15	256QAM	36	39	18.55	18.54	18.53		
15	256QAM	75	0	18.57	18.58	18.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.61	21.75	21.74	23.5	0
10	QPSK	1	25	21.57	21.73	21.70		
10	QPSK	1	49	21.50	21.62	21.68		
10	QPSK	25	0	21.57	21.74	21.73	23.5	0
10	QPSK	25	12	21.53	21.59	21.53		
10	QPSK	25	25	21.62	21.67	21.72		
10	QPSK	50	0	21.55	21.66	21.67		
10	16QAM	1	0	21.82	21.67	21.75	23.5	0
10	16QAM	1	25	21.74	21.70	21.76		
10	16QAM	1	49	21.87	21.79	21.80		
10	16QAM	25	0	21.52	21.66	21.70	23.5	0
10	16QAM	25	12	21.67	21.58	21.64		
10	16QAM	25	25	21.55	21.54	21.72		
10	16QAM	50	0	21.56	21.70	21.63		
10	64QAM	1	0	21.65	21.69	21.72	23.5	0
10	64QAM	1	25	21.69	21.67	21.75		
10	64QAM	1	49	21.71	21.76	21.77		
10	64QAM	25	0	20.57	20.64	20.60	22.5	1
10	64QAM	25	12	20.64	20.63	20.76		
10	64QAM	25	25	20.56	20.66	20.64		
10	64QAM	50	0	20.55	20.70	20.56		
10	256QAM	1	0	18.68	18.56	18.53	20.5	3
10	256QAM	1	25	18.51	18.62	18.60		
10	256QAM	1	49	18.62	18.74	18.58		
10	256QAM	25	0	18.60	18.69	18.53	20.5	3
10	256QAM	25	12	18.52	18.59	18.52		
10	256QAM	25	25	18.53	18.56	18.56		
10	256QAM	50	0	18.53	18.62	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.83	21.73	23.5	0
5	QPSK	1	12	21.57	21.71	21.76		
5	QPSK	1	24	21.59	21.56	21.65		
5	QPSK	12	0	21.66	21.75	21.71	23.5	0
5	QPSK	12	7	21.56	21.69	21.62		
5	QPSK	12	13	21.60	21.71	21.72		
5	QPSK	25	0	21.51	21.72	21.74		
5	16QAM	1	0	21.78	21.85	21.74	23.5	0
5	16QAM	1	12	21.81	21.77	21.78		
5	16QAM	1	24	21.70	21.73	21.75		
5	16QAM	12	0	21.55	21.73	21.66	23.5	0
5	16QAM	12	7	21.62	21.55	21.62		
5	16QAM	12	13	21.63	21.55	21.76		
5	16QAM	25	0	21.55	21.69	21.63		
5	64QAM	1	0	21.61	21.67	21.76	23.5	0
5	64QAM	1	12	21.59	21.72	21.73		
5	64QAM	1	24	21.79	21.73	21.78		
5	64QAM	12	0	20.55	20.65	20.61	22.5	1
5	64QAM	12	7	20.65	20.58	20.75		
5	64QAM	12	13	20.59	20.64	20.59		
5	64QAM	25	0	20.56	20.66	20.57		
5	256QAM	1	0	18.62	18.57	18.59	20.5	3
5	256QAM	1	12	18.53	18.69	18.56		
5	256QAM	1	24	18.58	18.72	18.54		
5	256QAM	12	0	18.58	18.67	18.60	20.5	3
5	256QAM	12	7	18.52	18.57	18.52		
5	256QAM	12	13	18.51	18.57	18.50		
5	256QAM	25	0	18.51	18.64	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.77	21.73	23.5	0
3	QPSK	1	8	21.51	21.77	21.76		
3	QPSK	1	14	21.54	21.55	21.60		
3	QPSK	8	0	21.57	21.74	21.63	23.5	0
3	QPSK	8	4	21.52	21.63	21.61		
3	QPSK	8	7	21.58	21.66	21.69		
3	QPSK	15	0	21.52	21.67	21.66		
3	16QAM	1	0	21.80	21.88	21.72	23.5	0
3	16QAM	1	8	21.78	21.71	21.72		
3	16QAM	1	14	21.74	21.73	21.72		
3	16QAM	8	0	21.59	21.80	21.72	23.5	0
3	16QAM	8	4	21.57	21.54	21.67		
3	16QAM	8	7	21.56	21.61	21.71		
3	16QAM	15	0	21.56	21.61	21.64		
3	64QAM	1	0	21.65	21.71	21.75	23.5	0
3	64QAM	1	8	21.64	21.72	21.70		
3	64QAM	1	14	21.70	21.74	21.75		
3	64QAM	8	0	20.54	20.58	20.57	22.5	1
3	64QAM	8	4	20.61	20.62	20.71		
3	64QAM	8	7	20.55	20.65	20.64		
3	64QAM	15	0	20.58	20.62	20.65		
3	256QAM	1	0	18.68	18.61	18.54	20.5	3
3	256QAM	1	8	18.61	18.63	18.66		
3	256QAM	1	14	18.62	18.71	18.57		
3	256QAM	8	0	18.64	18.63	18.60	20.5	3
3	256QAM	8	4	18.58	18.57	18.52		
3	256QAM	8	7	18.53	18.58	18.51		
3	256QAM	15	0	18.52	18.64	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.64	21.80	21.79	23.5	0
1.4	QPSK	1	3	21.59	21.76	21.71		
1.4	QPSK	1	5	21.53	21.76	21.84		
1.4	QPSK	3	0	21.58	21.72	21.73		
1.4	QPSK	3	1	21.56	21.59	21.58		
1.4	QPSK	3	3	21.61	21.74	21.63		
1.4	QPSK	6	0	21.52	21.70	21.68	23.5	0
1.4	16QAM	1	0	21.73	21.65	21.75	23.5	0
1.4	16QAM	1	3	21.75	21.76	21.75		
1.4	16QAM	1	5	21.67	21.78	21.76		
1.4	16QAM	3	0	21.58	21.66	21.65		
1.4	16QAM	3	1	21.66	21.59	21.66		
1.4	16QAM	3	3	21.62	21.59	21.74		
1.4	16QAM	6	0	21.57	21.65	21.83	23.5	0
1.4	64QAM	1	0	21.65	21.68	21.97	23.5	0
1.4	64QAM	1	3	21.62	21.69	21.80		
1.4	64QAM	1	5	21.73	21.74	21.68		
1.4	64QAM	3	0	21.65	21.69	21.80		
1.4	64QAM	3	1	21.60	21.68	21.75		
1.4	64QAM	3	3	21.71	21.70	21.72		
1.4	64QAM	6	0	20.57	20.64	20.65	22.5	1
1.4	256QAM	1	0	18.60	18.63	18.50	20.5	3
1.4	256QAM	1	3	18.61	18.68	18.58		
1.4	256QAM	1	5	18.59	18.74	18.56		
1.4	256QAM	3	0	18.64	18.72	18.57		
1.4	256QAM	3	1	18.52	18.57	18.50		
1.4	256QAM	3	3	18.53	18.57	18.53		
1.4	256QAM	6	0	18.54	18.56	18.53	20.5	3

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.98	17.15	17.14	18.5	0
20	QPSK	1	49	16.86	17.00	17.11		
20	QPSK	1	99	16.87	16.95	17.04		
20	QPSK	50	0	17.01	17.08	16.99	18.5	0
20	QPSK	50	24	16.94	17.05	16.98		
20	QPSK	50	50	17.00	17.00	16.96		
20	QPSK	100	0	16.88	17.00	16.95		
20	16QAM	1	0	16.83	17.02	17.12	18.5	0
20	16QAM	1	49	16.93	17.05	17.10		
20	16QAM	1	99	16.93	16.97	17.11		
20	16QAM	50	0	16.84	16.96	17.02	18.5	0
20	16QAM	50	24	16.89	16.93	17.03		
20	16QAM	50	50	16.95	17.00	17.08		
20	16QAM	100	0	16.85	16.99	17.11		
20	64QAM	1	0	16.96	17.14	17.08	18.5	0
20	64QAM	1	49	17.05	17.08	17.11		
20	64QAM	1	99	17.04	17.12	17.11		
20	64QAM	50	0	16.84	16.98	17.08	18.5	0
20	64QAM	50	24	16.84	17.03	17.12		
20	64QAM	50	50	16.98	16.95	17.12		
20	64QAM	100	0	16.86	17.01	17.12		
20	256QAM	1	0	16.86	17.03	16.96	18.5	0
20	256QAM	1	49	16.83	16.95	16.95		
20	256QAM	1	99	16.76	16.95	16.93		
20	256QAM	50	0	16.86	17.02	16.81	18.5	0
20	256QAM	50	24	16.89	16.96	16.95		
20	256QAM	50	50	16.84	16.94	16.79		
20	256QAM	100	0	16.84	16.96	16.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.81	17.04	17.14	18.5	0
15	QPSK	1	37	16.83	16.99	17.03		
15	QPSK	1	74	16.71	16.83	16.89		
15	QPSK	36	0	16.84	16.97	16.85	18.5	0
15	QPSK	36	20	16.79	16.88	16.92		
15	QPSK	36	39	16.97	16.85	16.94		
15	QPSK	75	0	16.86	16.88	16.92		
15	16QAM	1	0	16.77	16.88	17.05	18.5	0
15	16QAM	1	37	16.85	17.01	17.06		
15	16QAM	1	74	16.85	16.82	16.94		
15	16QAM	36	0	16.80	16.87	16.90	18.5	0
15	16QAM	36	20	16.79	16.82	16.94		
15	16QAM	36	39	16.85	16.89	16.88		
15	16QAM	75	0	16.89	16.93	16.97		
15	64QAM	1	0	16.89	16.95	17.07	18.5	0
15	64QAM	1	37	16.88	16.88	17.10		
15	64QAM	1	74	16.88	16.99	16.93		
15	64QAM	36	0	16.77	16.82	17.03	18.5	0
15	64QAM	36	20	16.87	16.98	17.04		
15	64QAM	36	39	16.82	16.88	17.05		
15	64QAM	75	0	16.82	16.93	17.01		
15	256QAM	1	0	16.79	16.91	16.80	18.5	0
15	256QAM	1	37	16.86	16.78	16.79		
15	256QAM	1	74	16.77	16.88	16.73		
15	256QAM	36	0	16.89	17.01	16.74	18.5	0
15	256QAM	36	20	16.76	16.80	16.80		
15	256QAM	36	39	16.80	16.76	16.82		
15	256QAM	75	0	16.80	16.75	16.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.91	17.04	16.99	18.5	0
10	QPSK	1	25	16.76	16.97	16.93		
10	QPSK	1	49	16.87	16.92	16.99		
10	QPSK	25	0	16.82	16.98	16.84	18.5	0
10	QPSK	25	12	16.82	16.91	16.91		
10	QPSK	25	25	16.80	16.96	16.80		
10	QPSK	50	0	16.88	16.93	16.75		
10	16QAM	1	0	16.74	17.07	17.05	18.5	0
10	16QAM	1	25	16.87	16.95	16.94		
10	16QAM	1	49	16.74	16.85	16.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11	23.5	0
20	QPSK	1	49	21.91	22.12	22.08		
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15	22.5	1
20	QPSK	50	24	20.88	21.11	21.14		
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40	22.5	1
20	16QAM	1	49	21.15	21.34	21.35		
20	16QAM	1	99	21.19	21.20	21.26		
20	16QAM	50	0	19.87	20.07	20.23	21.5	2
20	16QAM	50	24	19.89	20.13	20.22		
20	16QAM	50	50	20.04	20.11	20.11		
20	16QAM	100	0	19.90	20.09	20.15		
20	64QAM	1	0	19.92	20.18	20.30	21.5	2
20	64QAM	1	49	20.02	20.22	20.25		
20	64QAM	1	99	20.03	20.14	20.10		
20	64QAM	50	0	18.88	19.10	19.28	20.5	3
20	64QAM	50	24	18.93	19.16	19.23		
20	64QAM	50	50	18.99	19.12	19.12		
20	64QAM	100	0	18.89	19.13	19.17		
20	256QAM	1	0	17.17	17.22	17.14	18.5	5
20	256QAM	1	49	17.16	17.23	17.21		
20	256QAM	1	99	17.07	17.33	17.25		
20	256QAM	50	0	17.10	17.18	17.15	18.5	5
20	256QAM	50	24	17.12	17.18	17.11		
20	256QAM	50	50	17.07	17.15	17.12		
20	256QAM	100	0	17.00	17.12	17.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.85	22.13	22.06	23.5	0
15	QPSK	1	37	21.86	22.02	21.96		
15	QPSK	1	74	21.69	21.98	21.93		
15	QPSK	36	0	20.98	21.13	21.13	22.5	1
15	QPSK	36	20	20.76	21.03	21.05		
15	QPSK	36	39	20.79	20.97	21.12		
15	QPSK	75	0	20.84	21.07	21.08		
15	16QAM	1	0	20.90	21.32	21.29	22.5	1
15	16QAM	1	37	21.12	21.26	21.28		
15	16QAM	1	74	21.12	21.09	21.24		
15	16QAM	36	0	19.75	19.98	20.19	21.5	2
15	16QAM	36	20	19.82	20.11	20.16		
15	16QAM	36	39	19.98	20.04	20.00		
15	16QAM	75	0	19.87	20.05	20.07		
15	64QAM	1	0	19.90	20.17	20.28	21.5	2
15	64QAM	1	37	19.97	20.20	20.19		
15	64QAM	1	74	19.99	20.13	20.06		
15	64QAM	36	0	18.86	19.01	19.16	20.5	3
15	64QAM	36	20	18.81	19.15	19.20		
15	64QAM	36	39	18.88	19.04	19.02		
15	64QAM	75	0	18.78	19.06	19.08		
15	256QAM	1	0	17.21	17.14	17.11	18.5	5
15	256QAM	1	37	17.17	17.19	17.22		
15	256QAM	1	74	17.31	17.26	17.27		
15	256QAM	36	0	17.06	17.07	17.11	18.5	5
15	256QAM	36	20	17.16	17.12	17.17		
15	256QAM	36	39	17.03	17.04	17.13		
15	256QAM	75	0	17.11	17.11	17.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.91	22.08	22.06	23.5	0
10	QPSK	1	25	21.84	22.02	22.00		
10	QPSK	1	49	21.77	21.95	21.97		
10	QPSK	25	0	20.93	21.16	21.08	22.5	1
10	QPSK	25	12	20.80	21.08	21.05		
10	QPSK	25	25	20.86	21.06	21.04		
10	QPSK	50	0	20.76	21.13	21.10		
10	16QAM	1	0	20.96	21.35	21.39	22.5	1
10	16QAM	1	25	21.03	21.26	21.30		
10	16QAM	1	49	21.10	21.08	21.19		
10	16QAM	25	0	19.82	19.96	20.13	21.5	2
10	16QAM	25	12	19.87	20.08	20.10		
10	16QAM	25	25	20.03	20.05	20.07		
10	16QAM	50	0	19.87	20.00	20.03		
10	64QAM	1	0	19.89	20.15	20.23	21.5	2
10	64QAM	1	25	19.91	20.21	20.18		
10	64QAM	1	49	19.91	20.11	20.02		
10	64QAM	25	0	18.85	19.03	19.19	20.5	3
10	64QAM	25	12	18.84	19.07	19.12		
10	64QAM	25	25	18.98	19.07	19.10		
10	64QAM	50	0	18.85	19.05	19.13		
10	256QAM	1	0	17.12	17.21	17.11	18.5	5
10	256QAM	1	25	17.13	17.16	17.14		
10	256QAM	1	49	17.30	17.23	17.32		
10	256QAM	25	0	17.16	17.09	17.17	18.5	5
10	256QAM	25	12	17.08	17.09	17.08		
10	256QAM	25	25	17.14	17.09	17.04		
10	256QAM	50	0	17.01	17.00	17.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.84	22.08	22.06	23.5	0
5	QPSK	1	12	21.81	22.03	22.02		
5	QPSK	1	24	21.77	21.98	21.92		
5	QPSK	12	0	21.00	21.13	21.07	22.5	1
5	QPSK	12	7	20.77	21.03	21.11		
5	QPSK	12	13	20.86	21.06	21.06		
5	QPSK	25	0	20.83	21.06	21.04		
5	16QAM	1	0	20.98	21.32	21.37	22.5	1
5	16QAM	1	12	21.14	21.26	21.33		
5	16QAM	1	24	21.08	21.17	21.20		
5	16QAM	12	0	19.79	19.97	20.21	21.5	2
5	16QAM	12	7	19.78	20.05	20.10		
5	16QAM	12	13	19.97	20.02	20.03		
5	16QAM	25	0	19.83	20.04	20.13		
5	64QAM	1	0	19.81	20.11	20.25	21.5	2
5	64QAM	1	12	19.94	20.15	20.21		
5	64QAM	1	24	19.97	20.02	20.06		
5	64QAM	12	0	18.80	19.00	19.23	20.5	3
5	64QAM	12	7	18.85	19.04	19.13		
5	64QAM	12	13	18.89	19.06	19.02		
5	64QAM	25	0	18.88	19.07	19.15		
5	256QAM	1	0	17.12	17.12	17.21	18.5	5
5	256QAM	1	12	17.13	17.19	17.11		
5	256QAM	1	24	17.32	17.23	17.23		
5	256QAM	12	0	17.07	17.09	17.13	18.5	5
5	256QAM	12	7	17.15	17.09	17.17		
5	256QAM	12	13	17.09	17.06	17.08		
5	256QAM	25	0	17.04	17.03	17.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.93	22.03	22.03	23.5	0
3	QPSK	1	8	21.87	22.08	21.96		
3	QPSK	1	14	21.79	22.00	21.93		
3	QPSK	8	0	20.95	21.23	21.13	22.5	1
3	QPSK	8	4	20.81	21.02	21.12		
3	QPSK	8	7	20.87	21.06	21.04		
3	QPSK	15	0	20.81	21.08	21.10		
3	16QAM	1	0	20.93	21.32	21.35	22.5	1
3	16QAM	1	8	21.10	21.24	21.23		
3	16QAM	1	14	21.12	21.15	21.20		
3	16QAM	8	0	19.76	20.06	20.21	21.5	2
3	16QAM	8	4	19.77	20.06	20.16		
3	16QAM	8	7	19.92	20.01	20.10		
3	16QAM	15	0	19.79	19.98	20.04		
3	64QAM	1	0	19.80	20.12	20.23	21.5	2
3	64QAM	1	8	19.93	20.12	20.18		
3	64QAM	1	14	19.93	20.03	19.98		
3	64QAM	8	0	18.76	19.06	19.17	20.5	3
3	64QAM	8	4	18.83	19.06	19.16		
3	64QAM	8	7	18.92	19.07	19.04		
3	64QAM	15	0	18.87	19.10	19.16		
3	256QAM	1	0	17.13	17.15	17.12	18.5	5
3	256QAM	1	8	17.17	17.21	17.13		
3	256QAM	1	14	17.27	17.27	17.23		
3	256QAM	8	0	17.16	17.14	17.07	18.5	5
3	256QAM	8	4	17.06	17.07	17.16		
3	256QAM	8	7	17.13	17.11	17.13		
3	256QAM	15	0	17.11	17.00	17.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.90	22.04	22.00	23.5	0
1.4	QPSK	1	3	21.83	22.11	22.05		
1.4	QPSK	1	5	21.69	21.98	21.94		
1.4	QPSK	3	0	21.81	22.01	21.94		
1.4	QPSK	3	1	21.79	22.03	21.96		
1.4	QPSK	3	3	21.58	21.95	21.85		
1.4	QPSK	6	0	20.85	21.06	21.04	22.5	1
1.4	16QAM	1	0	21.00	21.35	21.30	22.5	1
1.4	16QAM	1	3	21.07	21.25	21.28		
1.4	16QAM	1	5	21.18	21.15	21.24		
1.4	16QAM	3	0	20.98	21.24	21.29		
1.4	16QAM	3	1	21.00	21.21	21.21		
1.4	16QAM	3	3	21.09	21.05	21.17	21.5	2
1.4	16QAM	6	0	19.82	20.01	20.04		
1.4	64QAM	1	0	19.84	20.13	20.25	21.5	2
1.4	64QAM	1	3	20.01	20.18	20.19		
1.4	64QAM	1	5	19.92	20.12	20.00		
1.4	64QAM	3	0	19.80	20.10	20.15		
1.4	64QAM	3	1	19.89	20.14	20.17		
1.4	64QAM	3	3	19.91	20.07	19.94		
1.4	64QAM	6	0	18.88	19.08	19.05	20.5	3
1.4	256QAM	1	0	17.17	17.16	17.17	18.5	5
1.4	256QAM	1	3	17.11	17.15	17.18		
1.4	256QAM	1	5	17.28	17.31	17.30		
1.4	256QAM	3	0	17.09	17.11	17.11		
1.4	256QAM	3	1	17.16	17.08	17.11		
1.4	256QAM	3	3	17.14	17.08	17.04		
1.4	256QAM	6	0	17.10	17.05	17.07	18.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.67	23.80	23.77	24.5	0
20	QPSK	1	49	23.64	23.78	23.76		
20	QPSK	1	99	23.66	23.74	23.70		
20	QPSK	50	0	22.76	22.88	22.80	23.5	1
20	QPSK	50	24	22.67	22.77	22.75		
20	QPSK	50	50	22.66	22.72	22.77		
20	QPSK	100	0	22.66	22.81	22.80		
20	16QAM	1	0	22.80	23.01	23.07	23.5	1
20	16QAM	1	49	22.94	22.95	23.02		
20	16QAM	1	99	22.88	22.88	22.90		
20	16QAM	50	0	21.69	21.73	21.86	22.5	2
20	16QAM	50	24	21.69	21.77	21.79		
20	16QAM	50	50	21.74	21.71	21.74		
20	16QAM	100	0	21.69	21.74	21.79		
20	64QAM	1	0	21.74	21.85	21.91	22.5	2
20	64QAM	1	49	21.78	21.85	21.86		
20	64QAM	1	99	21.73	21.77	21.74		
20	64QAM	50	0	20.63	20.75	20.91	21.5	3
20	64QAM	50	24	20.65	20.79	20.85		
20	64QAM	50	50	20.75	20.74	20.80		
20	64QAM	100	0	20.66	20.76	20.83		
20	256QAM	1	0	18.52	18.56	18.46	19.5	5
20	256QAM	1	49	18.48	18.55	18.52		
20	256QAM	1	99	18.47	18.54	18.43		
20	256QAM	50	0	18.46	18.49	18.43	19.5	5
20	256QAM	50	24	18.45	18.49	18.47		
20	256QAM	50	50	18.34	18.45	18.37		
20	256QAM	100	0	18.34	18.43	18.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.69	23.65	24.5	0
15	QPSK	1	37	23.62	23.72	23.68		
15	QPSK	1	74	23.62	23.69	23.69		
15	QPSK	36	0	22.75	22.81	22.74	23.5	1
15	QPSK	36	20	22.61	22.68	22.64		
15	QPSK	36	39	22.65	22.61	22.70		
15	QPSK	75	0	22.61	22.80	22.73		
15	16QAM	1	0	22.68	22.97	22.99	23.5	1
15	16QAM	1	37	22.87	22.90	22.98		
15	16QAM	1	74	22.82	22.82	22.80		
15	16QAM	36	0	21.59	21.72	21.83	22.5	2
15	16QAM	36	20	21.66	21.66	21.69		
15	16QAM	36	39	21.70	21.67	21.72		
15	16QAM	75	0	21.64	21.70	21.77		
15	64QAM	1	0	21.70	21.81	21.80	22.5	2
15	64QAM	1	37	21.72	21.77	21.83		
15	64QAM	1	74	21.68	21.74	21.67		
15	64QAM	36	0	20.54	20.72	20.88	21.5	3
15	64QAM	36	20	20.59	20.73	20.74		
15	64QAM	36	39	20.70	20.72	20.75		
15	64QAM	75	0	20.63	20.69	20.72		
15	256QAM	1	0	18.51	18.52	18.51	19.5	5
15	256QAM	1	37	18.44	18.54	18.51		
15	256QAM	1	74	18.50	18.53	18.47		
15	256QAM	36	0	18.38	18.45	18.38	19.5	5
15	256QAM	36	20	18.43	18.39	18.37		
15	256QAM	36	39	18.44	18.37	18.39		
15	256QAM	75	0	18.33	18.42	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.58	23.69	23.66	24.5	0
10	QPSK	1	25	23.55	23.77	23.64		
10	QPSK	1	49	23.62	23.72	23.58		
10	QPSK	25	0	22.73	22.76	22.72	23.5	1
10	QPSK	25	12	22.62	22.70	22.64		
10	QPSK	25	25	22.59	22.64	22.71		
10	QPSK	50	0	22.62	22.72	22.75		
10	16QAM	1	0	22.70	22.95	23.04	23.5	1
10	16QAM	1	25	22.82	22.93	22.93		
10	16QAM	1	49	22.86	22.81	22.79		
10	16QAM	25	0	21.62	21.82	21.79	22.5	2
10	16QAM	25	12	21.66	21.74	21.67		
10	16QAM	25	25	21.70	21.59	21.62		
10	16QAM	50	0	21.63	21.64	21.67		
10	64QAM	1	0	21.73	21.82	21.85	22.5	2
10	64QAM	1	25	21.77	21.73	21.82		
10	64QAM	1	49	21.63	21.74	21.68		
10	64QAM	25	0	20.57	20.65	20.90	21.5	3
10	64QAM	25	12	20.56	20.72	20.78		
10	64QAM	25	25	20.70	20.66	20.75		
10	64QAM	50	0	20.61	20.73	20.82		
10	256QAM	1	0	18.48	18.54	18.52	19.5	5
10	256QAM	1	25	18.43	18.43	18.52		
10	256QAM	1	49	18.49	18.47	18.48		
10	256QAM	25	0	18.38	18.38	18.44	19.5	5
10	256QAM	25	12	18.47	18.44	18.48		
10	256QAM	25	25	18.42	18.34	18.36		
10	256QAM	50	0	18.34	18.34	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.65	23.68	23.76	24.5	0
5	QPSK	1	12	23.61	23.70	23.69		
5	QPSK	1	24	23.65	23.71	23.61		
5	QPSK	12	0	22.67	22.81	22.74	23.5	1
5	QPSK	12	7	22.58	22.71	22.64		
5	QPSK	12	13	22.55	22.65	22.74		
5	QPSK	25	0	22.55	22.76	22.69		
5	16QAM	1	0	22.74	22.97	22.96	23.5	1
5	16QAM	1	12	22.92	22.93	22.90		
5	16QAM	1	24	22.78	22.80	22.78		
5	16QAM	12	0	21.57	21.72	21.78	22.5	2
5	16QAM	12	7	21.65	21.70	21.70		
5	16QAM	12	13	21.73	21.66	21.69		
5	16QAM	25	0	21.67	21.67	21.68		
5	64QAM	1	0	21.68	21.79	21.89	22.5	2
5	64QAM	1	12	21.75	21.82	21.78		
5	64QAM	1	24	21.64	21.74	21.69		
5	64QAM	12	0	20.51	20.66	20.79	21.5	3
5	64QAM	12	7	20.59	20.76	20.79		
5	64QAM	12	13	20.63	20.73	20.72		
5	64QAM	25	0	20.64	20.65	20.78		
5	256QAM	1	0	18.55	18.46	18.52	19.5	5
5	256QAM	1	12	18.48	18.44	18.50		
5	256QAM	1	24	18.48	18.46	18.44		
5	256QAM	12	0	18.43	18.43	18.45	19.5	5
5	256QAM	12	7	18.47	18.38	18.39		
5	256QAM	12	13	18.33	18.40	18.42		
5	256QAM	25	0	18.34	18.39	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.63	23.71	23.75	24.5	0
3	QPSK	1	8	23.61	23.68	23.70		
3	QPSK	1	14	23.62	23.64	23.67		
3	QPSK	8	0	22.74	22.85	22.73	23.5	1
3	QPSK	8	4	22.58	22.75	22.72		
3	QPSK	8	7	22.63	22.68	22.70		
3	QPSK	15	0	22.55	22.71	22.76		
3	16QAM	1	0	22.74	22.89	22.96	23.5	1
3	16QAM	1	8	22.85	22.94	22.98		
3	16QAM	1	14	22.86	22.80	22.84		
3	16QAM	8	0	21.64	21.94	21.79	22.5	2
3	16QAM	8	4	21.61	21.75	21.71		
3	16QAM	8	7	21.65	21.65	21.85		
3	16QAM	15	0	21.64	21.73	21.76		
3	64QAM	1	0	21.73	21.77	21.80	22.5	2
3	64QAM	1	8	21.68	21.75	21.83		
3	64QAM	1	14	21.63	21.71	21.65		
3	64QAM	8	0	20.53	20.67	20.88	21.5	3
3	64QAM	8	4	20.59	20.73	20.76		
3	64QAM	8	7	20.71	20.64	20.79		
3	64QAM	15	0	20.54	20.68	20.81		
3	256QAM	1	0	18.54	18.55	18.54	19.5	5
3	256QAM	1	8	18.50	18.46	18.52		
3	256QAM	1	14	18.44	18.43	18.52		
3	256QAM	8	0	18.46	18.38	18.43	19.5	5
3	256QAM	8	4	18.42	18.39	18.38		
3	256QAM	8	7	18.35	18.33	18.42		
3	256QAM	15	0	18.32	18.36	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.72	23.66	24.5	0
1.4	QPSK	1	3	23.56	23.76	23.69		
1.4	QPSK	1	5	23.54	23.68	23.66		
1.4	QPSK	3	0	23.60	23.69	23.57		
1.4	QPSK	3	1	23.45	23.74	23.59		
1.4	QPSK	3	3	23.51	23.66	23.54		
1.4	QPSK	6	0	22.60	22.69	22.68	23.5	1
1.4	16QAM	1	0	22.78	22.98	22.96	23.5	1
1.4	16QAM	1	3	22.86	22.83	22.98		
1.4	16QAM	1	5	22.82	22.81	22.78		
1.4	16QAM	3	0	22.72	22.89	22.85		
1.4	16QAM	3	1	22.85	22.75	22.94		
1.4	16QAM	3	3	22.77	22.72	22.67		
1.4	16QAM	6	0	21.68	21.68	21.75	22.5	2
1.4	64QAM	1	0	21.64	21.76	21.90	22.5	2
1.4	64QAM	1	3	21.71	21.80	21.77		
1.4	64QAM	1	5	21.70	21.75	21.64		
1.4	64QAM	3	0	21.63	21.65	21.83		
1.4	64QAM	3	1	21.68	21.77	21.74		
1.4	64QAM	3	3	21.63	21.63	21.52		
1.4	64QAM	6	0	20.54	20.71	20.77	21.5	3
1.4	256QAM	1	0	18.49	18.49	18.45	19.5	5
1.4	256QAM	1	3	18.48	18.43	18.47		
1.4	256QAM	1	5	18.53	18.42	18.47		
1.4	256QAM	3	0	18.38	18.47	18.48		
1.4	256QAM	3	1	18.47	18.48	18.39		
1.4	256QAM	3	3	18.36	18.43	18.37		
1.4	256QAM	6	0	18.34	18.37	18.39	19.5	5

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.04	21.06	20.86	22	0
20	QPSK	1	49	20.83	20.97	20.85		
20	QPSK	1	99	20.95	20.87	20.75		
20	QPSK	50	0	20.99	21.02	20.75		
20	QPSK	50	24	20.83	20.98	20.74	22	0
20	QPSK	50	50	20.84	20.89	20.74		
20	QPSK	100	0	20.91	20.96	20.55		
20	16QAM	1	0	20.93	20.87	20.62		
20	16QAM	1	49	20.80	20.92	20.60	22	0
20	16QAM	1	99	20.86	20.91	20.60		
20	16QAM	50	0	20.85	20.92	20.64		
20	16QAM	50	24	20.79	21.00	20.62	22	0
20	16QAM	50	50	20.81	20.90	20.66		
20	16QAM	100	0	20.97	20.95	20.65		
20	64QAM	1	0	20.81	20.93	20.72		
20	64QAM	1	49	20.91	20.95	20.58	22	0
20	64QAM	1	99	20.87	20.85	20.60		
20	64QAM	50	0	20.48	20.43	20.15		
20	64QAM	50	24	20.31	20.38	20.19	21.5	0.5
20	64QAM	50	50	20.42	20.32	20.22		
20	64QAM	100	0	20.46	20.49	20.22		
20	256QAM	1	0	18.41	18.51	18.14		
20	256QAM	1	49	18.49	18.37	18.13	19.5	2.5
20	256QAM	1	99	18.40	18.50	18.18		
20	256QAM	50	0	18.41	18.38	18.25		
20	256QAM	50	24	18.48	18.48	18.19	19.5	2.5
20	256QAM	50	50	18.33	18.45	18.21		
20	256QAM	100	0	18.46	18.33	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.99	20.96	20.76	22	0
15	QPSK	1	37	20.79	20.86	20.74		
15	QPSK	1	74	20.92	20.77	20.72		
15	QPSK	36	0	20.91	20.97	20.63		
15	QPSK	36	20	20.81	20.88	20.73	22	0
15	QPSK	36	39	20.78	20.77	20.68		
15	QPSK	75	0	20.83	20.87	20.51		
15	16QAM	1	0	20.82	20.78	20.54		
15	16QAM	1	37	20.73	20.80	20.51	22	0
15	16QAM	1	74	20.77	20.81	20.58		
15	16QAM	36	0	20.93	20.83	20.55		
15	16QAM	36	20	20.72	20.98	20.53	22	0
15	16QAM	36	39	20.78	20.81	20.62		
15	16QAM	75	0	20.87	20.85	20.62		
15	64QAM	1	0	20.75	20.88	20.63		
15	64QAM	1	37	20.91	20.91	20.56	22	0
15	64QAM	1	74	20.92	20.74	20.51		
15	64QAM	36	0	20.38	20.32	20.08		
15	64QAM	36	20	20.20	20.30	20.09	21.5	0.5
15	64QAM	36	39	20.35	20.24	20.18		
15	64QAM	75	0	20.43	20.39	20.17		
15	256QAM	1	0	18.39	18.47	18.12		
15	256QAM	1	37	18.43	18.33	18.09	19.5	2.5
15	256QAM	1	74	18.37	18.48	18.13		
15	256QAM	36	0	18.38	18.36	18.23		
15	256QAM	36	20	18.37	18.36	18.09	19.5	2.5
15	256QAM	36	39	18.29	18.40	18.19		
15	256QAM	75	0	18.41	18.30	18.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	20.92	20.95	20.72	22	0
10	QPSK	1	25	20.76	20.94	20.81		
10	QPSK	1	49	20.93	20.80	20.68		
10	QPSK	25	0	20.93	20.91	20.73		
10	QPSK	25	12	20.79	20.86	20.67	22	0
10	QPSK	25	25	20.74	20.82	20.70		
10	QPSK	50	0	20.80	20.86	20.52		
10	16QAM	1	0	20.83	20.81	20.55		
10	16QAM	1	25	20.68	20.89	20.49	22	0
10	16QAM	1	49	20.74	20.85	20.55		
10	16QAM	25	0	20.88	20.86	20.52		
10	16QAM	25	12	20.70	20.95	20.51	22	0
10	16QAM	25	25	20.72	20.84	20.61		
10	16QAM	50	0	20.88	20.92	20.53		
10	64QAM	1	0	20.73	20.81	20.61		
10	64QAM	1	25	20.80	20.86	20.45	22	0
10	64QAM	1	49	20.82	20.80	20.58		
10	64QAM	25	0	20.44	20.36	20.06		
10	64QAM	25	12	20.27	20.34	20.13	21.5	0.5
10	64QAM	25	25	20.36	20.22	20.19		
10	64QAM	50	0	20.37	20.39	20.16		
10	256QAM	1	0	18.33	18.44	18.11		
10	256QAM	1	25	18.43	18.32	18.05	19.5	2.5
10	256QAM	1	49	18.39	18.42	18.13		
10	256QAM	25	0	18.30	18.36	18.15		
10	256QAM	25	12	18.36	18.44	18.12	19.5	2.5
10	256QAM	25	25	18.28	18.35	18.18		
10	256QAM	50	0	18.41	18.28	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.00	21.00	20.79	22	0
5	QPSK	1	12	20.78	20.90	20.74		
5	QPSK	1	24	20.89	20.75	20.64		
5	QPSK	12	0	20.94	20.90	20.70		
5	QPSK	12	7	20.74	20.88	20.70	22	0
5	QPSK	12	13	20.79	20.82	20.66		
5	QPSK	25	0	20.86	20.85	20.48		
5	16QAM	1	0	20.91	20.82	20.53		
5	16QAM	1	12	20.76	20.84	20.52	22	0
5	16QAM	1	24	20.81	20.81	20.57		
5	16QAM	12	0	20.90	20.88	20.53		
5	16QAM	12	7	20.71	20.97	20.58	22	0
5	16QAM	12	13	20.70	20.88	20.60		
5	16QAM	25	0	20.85	20.88	20.62		
5	64QAM	1	0	20.70	20.90	20.70		
5	64QAM	1	12	20.64	20.93	20.46	22	0
5	64QAM	1	24	20.79	20.73	20.63		
5	64QAM	12	0	20.46	20.37	20.10		
5	64QAM	12	7	20.29	20.35	20.17	21.5	0.5
5	64QAM	12	13	20.31	20.30	20.19		
5	64QAM	25	0	20.44	20.38	20.12		
5	256QAM	1	0	18.33	18.43	18.08		
5	256QAM	1	12	18.40	18.32	18.02	19.5	2.5
5	256QAM	1	24	18.29	18.40	18.07		
5	256QAM	12	0	18.39	18.26	18.14		
5	256QAM	12	7	18.40	18.42	18.08	19.5	2.5
5	256QAM	12	13	18.30	18.40	18.19		
5	256QAM	25	0	18.43	18.31	18.07		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.36	22.38	22.20	23.2	0
20	QPSK	1	49	22.28	22.15	22.06		
20	QPSK	1	99	22.27	22.09	22.13		
20	QPSK	50	0	22.23	22.33	22.16		
20	QPSK	50	24	22.22	22.06	22.14	23.2	0
20	QPSK	50	50	22.13	22.09	22.12		
20	QPSK	100	0	22.10	22.14	22.14		
20	16QAM	1	0	22.32	22.05	22.03		
20	16QAM	1	49	22.27	22.04	22.14	23.2	0
20	16QAM	1	99	22.17	21.92	22.08		
20	16QAM	50	0	22.23	22.06	22.03		
20	16QAM	50	24	22.20	21.92	22.08	23.2	0
20	16QAM	50	50	22.16	22.08	21.99		
20	16QAM	100	0	22.18	21.95	21.96		
20	64QAM	1	0	22.15	21.92	22.12		
20	64QAM	1	49	22.31	21.95	22.16	23.2	0
20	64QAM	1	99	22.32	21.94	22.09		
20	64QAM	50	0	21.72	21.48	21.48		
20	64QAM	50	24	21.78	21.55	21.54	22.7	0.5
20	64QAM	50	50	21.76	21.44	21.57		
20	64QAM	100	0	21.78	21.44	21.57		
20	256QAM	1	0	19.72	19.54	19.59		
20	256QAM	1	49	19.66	19.43	19.51	20.7	2.5
20	256QAM	1	99	19.72	19.43	19.65		
20	256QAM	50	0	19.71	19.41	19.62		
20	256QAM	50	24	19.70	19.44	19.49	20.7	2.5
20	256QAM	50	50	19.74	19.52	19.61		
20	256QAM	100	0	19.76	19.43	19.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.27	22.20	23.2	0
15	QPSK	1	37	22.35	22.11	21.92		
15	QPSK	1	74	22.07	22.06	22.12		
15	QPSK	36	0	22.17	22.23	22.03		
15	QPSK	36	20	22.05	22.04	22.10	23.2	0
15	QPSK	36	39	22.08	21.99	21.98		
15	QPSK	75	0	22.04	21.98	22.13		
15	16QAM	1	0	22.13	21.92	21.94		
15	16QAM	1	37	22.10	21.99	22.04	23.2	0
15	16QAM	1	74	22.12	21.87	22.01		
15	16QAM	36	0	22.17	21.90	21.98		
15	16QAM	36	20	22.11	21.73	21.95	23.2	0
15	16QAM	36	39	22.03	22.06	21.96		
15	16QAM	75	0	22.16	21.87	21.82		
15	64QAM	1	0	22.00	21.78	22.07		
15	64QAM	1	37	22.31	21.88	22.16	23.2	0
15	64QAM	1	74	22.22	21.94	22.01		
15	64QAM	36	0	21.68	21.42	21.34		
15	64QAM	36	20	21.58	21.53	21.35	22.7	0.5
15	64QAM	36	39	21.71	21.39	21.41		
15	64QAM	75	0	21.73	21.27	21.43		
15	256QAM	1	0	19.56	19.47	19.48		
15	256QAM	1	37	19.58	19.27	19.49	20.7	2.5
15	256QAM	1	74	19.67	19.41	19.53		
15	256QAM	36	0	19.61	19.42	19.47		
15	256QAM	36	20	19.58	19.37	19.30	20.7	2.5
15	256QAM	36	39	19.55	19.39	19.53		
15	256QAM	75	0	19.62	19.32	19.51		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	21.72	22.25	21.49	23.2	0
10	QPSK	1	25	22.29	22.15	21.93		
10	QPSK	1	49	22.19	21.92	21.95		
10	QPSK	25	0	22.07	22.24	22.06		
10	QPSK	25	12	22.22	21.87	22.14	23.2	0
10	QPSK	25	25	22.13	22.06	22.10		
10	QPSK	50	0	22.09	22.06	22.01		
10	16QAM	1	0	22.28	22.02	21.97		
10	16QAM	1	25	22.27	21.96	22.04	23.2	0
10	16QAM	1	49	22.05	21.84	22.09		
10	16QAM	25	0	22.11	22.01	21.88		
10	16QAM	25	12	22.00	21.91	22.07	23.2	0
10	16QAM	25	25	22.02	22.07	21.93		
10	16QAM	50	0	22.02	21.83	21.76		
10	64QAM	1	0	22.11	21.76	22.09		
10	64QAM	1	25	22.13	21.83	22.03	23.2	0
10	64QAM	1	49	22.26	21.83	21.94		
10	64QAM	25	0	21.67	21.42	21.39		
10	64QAM	25	12	21.72	21.43	21.36	22.7	0.5
10	64QAM	25	25	21.62	21.39	21.47		
10	64QAM	50	0	21.78	21.35	21.46		
10	256QAM	1	0	19.65	19.48	19.44		
10	256QAM	1	25	19.52	19.42	19.51	20.7	2.5
10	256QAM	1	49	19.62	19.42	19.59		
10	256QAM	25	0	19.53	19.25	19.43		
10	256QAM	25	12	19.56	19.24	19.44	20.7	2.5
10	256QAM	25	25	19.60	19.32	19.56		
10	256QAM	50	0	19.56	19.40	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.36	22.21	22.15	23.2	0
5	QPSK	1	12	22.37	21.99	21.98		
5	QPSK	1	24	22.18	22.03	22.10		
5	QPSK	12	0	22.17	22.22	22.12		
5	QPSK	12	7	22.03	21.92	22.06	23.2	0
5	QPSK	12	13	22.04	21.90	22.11		
5	QPSK	25	0	22.02	21.98	22.08		
5	16QAM	1	0	22.18	21.98	21.85		
5	16QAM	1	12	22.22	22.01	22.04	23.2	0
5	16QAM	1	24	22.05	21.72	21.91		
5	16QAM	12	0	22.09	21.96	21.95		
5	16QAM	12	7	22.13	21.94	22.05	23.2	0
5	16QAM	12	13	22.12	21.91	21.97		
5	16QAM	25	0	22.11	21.93	21.82		
5	64QAM	1	0	22.05	21.87	21.99		
5	64QAM	1	12	22.16	21.85	22.14	23.2	0
5	64QAM	1	24	22.19	21.74	21.93		
5	64QAM	12	0	21.70	21.29	21.33		
5	64QAM	12	7	21.66	21.37	21.54	22.7	0.5
5	64QAM	12	13	21.65	21.40	21.54		
5	64QAM	25	0	21.75	21.27	21.55		
5	256QAM	1	0	19.60	19.43	19.51	20.7	2.5
5	256QAM	1	12	19.64	19.38	19.38		
5	256QAM	1	24	19.61	19.34	19.59		
5	256QAM	12	0	19.66	19.27	19.49		
5	256QAM	12	7	19.65	19.31	19.48	20.7	2.5
5	256QAM	12	13	19.71	19.34	19.45		
5	256QAM	25	0	19.67	19.29	19.50		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.53	22.56	22.55	23.5	0
20	QPSK	1	49	22.45	22.49	22.51		
20	QPSK	1	99	22.50	22.41	22.47		
20	QPSK	50	0	22.50	22.54	22.43		
20	QPSK	50	24	22.47	22.44	22.41	23.5	0
20	QPSK	50	50	22.41	22.43	22.39		
20	QPSK	100	0	22.46	22.52	22.38		
20	16QAM	1	0	22.45	22.40	22.38		
20	16QAM	1	49	22.47	22.43	22.38	23.5	0
20	16QAM	1	99	22.49	22.43	22.47		
20	16QAM	50	0	21.50	21.39	21.37		
20	16QAM	50	24	21.44	21.40	21.39	22.5	1
20	16QAM	50	50	21.51	21.43	21.42		
20	16QAM	100	0	21.47	21.40	21.39		
20	64QAM	1	0	21.20	21.11	21.05		
20	64QAM	1	49	21.18	21.10	21.08	22.5	1
20	64QAM	1	99	21.20	21.12	21.16		
20	64QAM	50	0	20.47	20.37	20.35		
20	64QAM	50	24	20.43	20.38	20.37	21.5	2
20	64QAM	50	50	20.46	20.42	20.43		
20	64QAM	100	0	20.44	20.38	20.36		
20	256QAM	1	0	18.16	18.32	18.21		
20	256QAM	1	49	18.14	18.36	18.05	19.5	4
20	256QAM	1	99	18.00	18.31	18.03		
20	256QAM	50	0	18.12	18.19	18.17		
20	256QAM	50	24	18.01	18.30	18.01	19.5	4
20	256QAM	50	50	18.12	18.12	18.17		
20	256QAM	100	0	18.04	18.22	18.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.53	22.47	22.43	23.5	0
15	QPSK	1	37	22.31	22.38	22.43		
15	QPSK	1	74	22.43	22.41	22.44		
15	QPSK	36	0	22.36	22.35	22.31		
15	QPSK	36	20	22.33	22.36	22.35	23.5	0
15	QPSK	36	39	22.28	22.29	22.35		
15	QPSK	75	0	22.39	22.34	22.26		
15	16QAM	1	0	22.30	22.22	22.22		
15	16QAM	1	37	22.47	22.30	22.37	23.5	0
15	16QAM	1	74	22.44	22.35	22.44		
15	16QAM	36	0	21.40	21.20	21.28		
15	16QAM	36	20	21.32	21.24	21.22	22.5	1
15	16QAM	36	39	21.47	21.33	21.23		
15	16QAM	75	0	21.31	21.29	21.28		
15	64QAM	1	0	21.02	21.08	20.94		
15	64QAM	1	37	21.18	20.94	20.91	22.5	1
15	64QAM	1	74	21.06	21.06	21.11		
15	64QAM	36	0	20.29	20.31	20.24		
15	64QAM	36	20	20.43	20.18	20.25	21.5	2
15	64QAM	36	39	20.31	20.30	20.42		
15	64QAM	75	0	20.41	20.21	20.35		
15	256QAM	1	0	18.05	18.29	18.02		
15	256QAM	1	37	18.05	18.09	18.01	19.5	4
15	256QAM	1	74	17.86	18.31	17.83		
15	256QAM	36	0	18.09	18.10	17.98		
15	256QAM	36	20	17.90	18.19	17.88	19.5	4
15	256QAM	36	39	18.08	17.98	18.15		
15	256QAM	75	0	17.97	18.12	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	22.44	22.52	22.46	23.5	0
10	QPSK	1	25	22.45	22.36	22.43		
10	QPSK	1	49	22.30	22.39	22.47		
10	QPSK	25	0	22.44	22.49	22.38		
10	QPSK	25	12	22.27	22.41	22.21	23.5	0
10	QPSK	25	25	22.33	22.38	22.38		
10	QPSK	50	0	22.43	22.45	22.33		
10	16QAM	1	0	22.38	22.24	22.27		
10	16QAM	1	25	22.35	22.25	22.31	23.5	0
10	16QAM	1	49	22.40	22.42	22.28		
10	16QAM	25	0	21.40	21.32	21.17		
10	16QAM	25	12	21.34	21.23	21.35	22.5	1
10	16QAM	25	25	21.32	21.40	21.22		
10	16QAM	50	0	21.43	21.37	21.32		
10	64QAM	1	0	21.12	21.02	20.92		
10	64QAM	1	25	21.04	21.06	20.97	22.5	1
10	64QAM	1	49	21.03	21.07	21.11		
10	64QAM	25	0	20.34	20.25	20.25		
10	64QAM	25	12	20.32	20.23	20.31	21.5	2
10	64QAM	25	25	20.30	20.42	20.29		
10	64QAM	50	0	20.25	20.33	20.30		
10	256QAM	1	0	18.01	18.27	18.17		
10	256QAM	1	25	18.11	18.17	18.01	19.5	4
10	256QAM	1	49	17.91	18.19	17.94		
10	256QAM	25	0	17.95	18.12	18.13		
10	256QAM	25	12	17.85	18.14	18.01	19.5	4
10	256QAM	25	25	18.01	17.96	18.09		
10	256QAM	50	0	17.96	18.16	18.02		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.51	22.40	22.47	23.5	0
5	QPSK	1	12	22.41	22.33	22.43		
5	QPSK	1	24	22.39	22.39	22.34		
5	QPSK	12	0	22.41	22.46	22.42		
5	QPSK	12	7	22.29	22.34	22.32	23.5	0
5	QPSK	12	13	22.33	22.38	22.28		
5	QPSK	25	0	22.45	22.41	22.33		
5	16QAM	1	0	22.36	22.27	22.24		
5	16QAM	1	12	22.40	22.41	22.38	23.5	0
5	16QAM	1	24	22.30	22.42	22.37		
5	16QAM	12	0	21.43	21.29	21.26		
5	16QAM	12	7	21.26	21.40	21.32	22.5	1
5	16QAM	12	13	21.44	21.32	21.35		
5	16QAM	25	0	21.47	21.21	21.36		
5	64QAM	1	0	21.13	20.95	20.89		
5	64QAM	1	12	20.98	21.06	20.87	22.5	1
5	64QAM	1	24	21.13	20.99	20.98		
5	64QAM	12	0	20.33	20.26	20.29		
5	64QAM	12	7	20.33	20.26	20.24	21.5	2
5	64QAM	12	13	20.30	20.32	20.29		
5	64QAM	25	0	20.29	20.33	20.18		
5	256QAM	1	0	18.09	18.18	18.15		
5	256QAM	1	12	18.07	18.20	18.02	19.5	4
5	256QAM	1	24	17.93	18.30	17.83		
5	256QAM	12	0	18.00	18.08	17.99		
5	256QAM	12	7	17.84	18.24	17.91	19.5	4
5	256QAM	12	13	17.96	18.08	18.03		
5	256QAM	25	0	17.95	18.22	17.99		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.46	21.51	21.47	22.2	0
20	QPSK	1	49	21.38	21.40	21.43		
20	QPSK	1	99	21.43	21.43	21.37		
20	QPSK	50	0	21.35	21.44	21.36		
20	QPSK	50	24	21.28	21.35	21.25	22.2	0
20	QPSK	50	50	21.33	21.32	21.25		
20	QPSK	100	0	21.34	21.39	21.27		
20	16QAM	1	0	21.36	21.34	21.30		
20	16QAM	1	49	21.31	21.41	21.29	22.2	0
20	16QAM	1	99	21.24	21.35	21.29		
20

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.11	21.11	21.14	21.06	21.04	22	0
20	QPSK	1	49	21.08	21.06	21.08	21.03	20.92		
20	QPSK	1	99	21.04	21.02	21.12	20.97	21.02		
20	QPSK	50	0	21.06	21.09	21.10	21.01	21.02		
20	QPSK	50	24	21.04	21.07	21.07	21.08	21.04	22	0
20	QPSK	50	50	21.03	21.05	21.03	21.01	21.02		
20	QPSK	100	0	21.05	21.08	21.10	21.05	21.05		
20	16QAM	1	0	20.99	21.09	21.03	21.13	21.02		
20	16QAM	1	49	21.04	21.10	21.11	21.11	21.07	22	0
20	16QAM	1	99	21.09	21.10	21.11	21.12	21.08		
20	16QAM	50	0	21.01	21.05	21.12	21.09	21.10		
20	16QAM	50	24	21.08	21.09	21.05	21.12	21.11	22	0
20	16QAM	50	50	21.03	21.05	21.10	21.03	21.03		
20	16QAM	100	0	21.09	21.10	21.11	21.11	21.05		
20	64QAM	1	0	20.90	20.77	20.88	20.84	21.10		
20	64QAM	1	49	20.94	20.79	20.95	20.87	20.94	22	0
20	64QAM	1	99	20.99	20.95	20.99	20.89	20.77		
20	64QAM	50	0	20.53	20.63	20.63	20.63	20.81		
20	64QAM	50	24	20.71	20.57	20.68	20.64	20.73	21.5	0.5
20	64QAM	50	50	20.80	20.63	20.71	20.65	20.68		
20	64QAM	100	0	20.71	20.56	20.66	20.65	20.74		
20	256QAM	1	0	18.40	18.34	18.58	18.38	18.36		
20	256QAM	1	49	18.32	18.22	18.43	18.35	18.35	19.5	2.5
20	256QAM	1	99	18.31	18.26	18.58	18.38	18.19		
20	256QAM	50	0	18.34	18.33	18.58	18.21	18.29		
20	256QAM	50	24	18.33	18.20	18.52	18.18	18.25	19.5	2.5
20	256QAM	50	50	18.27	18.24	18.57	18.21	18.34		
20	256QAM	100	0	18.27	18.24	18.40	18.20	18.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.04	21.00	21.02	20.97	20.97	22	0
15	QPSK	1	37	21.04	20.98	21.06	20.97	20.80		
15	QPSK	1	74	20.99	20.92	21.01	20.95	20.92		
15	QPSK	36	0	21.03	20.97	21.08	21.09	21.05		
15	QPSK	36	20	20.97	20.95	21.02	20.97	21.02	22	0
15	QPSK	36	39	21.00	20.94	20.96	20.90	20.92		
15	QPSK	75	0	20.98	21.00	21.06	20.98	20.93		
15	16QAM	1	0	20.88	20.97	20.99	21.04	20.97		
15	16QAM	1	37	20.96	21.01	21.02	21.06	20.98	22	0
15	16QAM	1	74	21.03	21.04	21.06	21.03	20.96		
15	16QAM	36	0	20.98	21.01	21.01	20.98	21.05		
15	16QAM	36	20	21.06	21.06	21.01	21.00	21.09	22	0
15	16QAM	36	39	20.91	21.03	21.02	21.01	20.98		
15	16QAM	75	0	20.97	21.05	21.06	21.02	20.97		
15	64QAM	1	0	20.63	20.70	20.86	20.74	21.05		
15	64QAM	1	37	20.85	20.75	20.83	20.82	20.88	22	0
15	64QAM	1	74	20.92	20.90	20.91	20.82	20.74		
15	64QAM	36	0	20.59	20.43	20.53	20.57	20.70		
15	64QAM	36	20	20.69	20.51	20.61	20.62	20.62	21.5	0.5
15	64QAM	36	39	20.78	20.61	20.66	20.63	20.62		
15	64QAM	75	0	20.69	20.46	20.55	20.57	20.65		
15	256QAM	1	0	18.28	18.28	18.50	18.29	18.32		
15	256QAM	1	37	18.23	18.13	18.37	18.24	18.27	19.5	2.5
15	256QAM	1	74	18.19	18.24	18.50	18.36	18.10		
15	256QAM	36	0	18.32	18.23	18.52	18.17	18.18		
15	256QAM	36	20	18.26	18.17	18.43	18.15	18.15	19.5	2.5
15	256QAM	36	39	18.19	18.12	18.51	18.09	18.29		
15	256QAM	75	0	18.22	18.12	18.31	18.17	18.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.07	21.06	21.02	20.94	20.96	22	0
10	QPSK	1	25	21.00	20.97	20.98	20.95	20.88		
10	QPSK	1	49	20.92	20.98	21.09	20.91	20.91		
10	QPSK	25	0	21.01	21.00	21.01	21.06	20.99		
10	QPSK	25	12	20.99	20.96	21.06	21.00	20.98	22	0
10	QPSK	25	25	20.97	20.99	20.96	20.93	20.95		
10	QPSK	50	0	20.96	21.00	21.08	20.94	20.98		
10	16QAM	1	0	20.96	21.06	20.97	21.04	20.99		
10	16QAM	1	25	20.99	21.03	21.01	21.08	20.97	22	0
10	16QAM	1	49	21.05	21.08	21.00	21.01	21.02		
10	16QAM	25	0	21.00	20.94	21.00	21.04	21.04		
10	16QAM	25	12	21.03	21.04	20.96	21.03	21.05	22	0
10	16QAM	25	25	21.06	21.06	21.06	20.98	20.95		
10	16QAM	50	0	21.03	21.08	21.01	21.08	21.00		
10	64QAM	1	0	20.78	20.73	20.81	20.79	21.02		
10	64QAM	1	25	20.94	20.89	21.02	20.85	20.85	22	0
10	64QAM	1	49	20.97	20.84	20.90	20.86	20.68		
10	64QAM	25	0	20.53	20.49	20.52	20.58	20.71		
10	64QAM	25	12	20.61	20.49	20.52	20.59	20.66	21.5	0.5
10	64QAM	25	25	20.75	20.54	20.69	20.55	20.61		
10	64QAM	50	0	20.62	20.45	20.57	20.63	20.65		
10	256QAM	1	0	18.36	18.32	18.56	18.36	18.32		
10	256QAM	1	25	18.24	18.10	18.35	18.25	18.24	19.5	2.5
10	256QAM	1	49	18.19	18.23	18.50	18.21	18.17		
10	256QAM	25	0	18.29	18.29	18.51	18.16	18.19		
10	256QAM	25	12	18.30	18.12	18.49	18.16	18.22	19.5	2.5
10	256QAM	25	25	18.19	18.19	18.49	18.17	18.26		
10	256QAM	50	0	18.15	18.16	18.34	18.17	18.23		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.99	21.07	21.10	20.99	20.94	22	0
5	QPSK	1	12	21.05	20.94	21.01	20.92	20.85		
5	QPSK	1	24	21.02	20.98	21.06	20.89	20.93		
5	QPSK	12	0	20.94	21.02	21.08	21.02	21.01		
5	QPSK	12	7	21.02	21.02	20.95	21.05	21.00	22	0
5	QPSK	12	13	20.99	20.99	20.95	20.97	20.92		
5	QPSK	25	0	21.00	21.03	21.08	21.00	20.94		
5	16QAM	1	0	20.94	21.02	21.01	21.08	20.93		
5	16QAM	1	12	21.01	21.01	21.04	21.05	21.04	22	0
5	16QAM	1	24	21.07	21.08	20.99	21.01	21.02		
5	16QAM	12	0	20.97	20.93	21.02	21.03	21.01		
5	16QAM	12	7	20.98	20.98	21.03	21.08	21.01	22	0
5	16QAM	12	13	20.91	20.94	20.98	20.92	21.01		
5	16QAM	25	0	21.00	21.01	21.02	21.04	20.95		
5	64QAM	1	0	20.78	20.95	20.85	20.74	21.02		
5	64QAM	1	12	20.89	20.77	20.85	20.80	20.91	22	0
5	64QAM	1	24	20.93	20.91	20.98	20.83	20.77		
5	64QAM	12	0	20.62	20.44	20.58	20.60	20.79		
5	64QAM	12	7	20.69	20.48	20.58	20.62	20.62	21.5	0.5
5	64QAM	12	13	20.68	20.53	20.66	20.53	20.62		
5	64QAM	25	0	20.60	20.44	20.56	20.54	20.64		
5	256QAM	1	0	18.34	18.24	18.56	18.26	18.24		
5	256QAM	1	12	18.27	18.18	18.37	18.31	18.32	19.5	2.5
5	256QAM	1	24	18.19	18.25	18.51	18.32	18.11		
5	256QAM	12	0	18.27	18.22	18.51	18.09	18.22		
5	256QAM	12	7	18.22	18.14	18.42	18.06	18.17	19.5	2.5
5	256QAM	12	13	18.16	18.16	18.46	18.18	18.22		
5	256QAM	25	0	18.18	18.12	18.34	18.16	18.25		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.43	22.31	22.46	22.07	22.45	23.2	0
20	QPSK	1	49	22.27	22.13	22.41	21.87	22.39		
20	QPSK	1	99	22.42	22.27	22.24	22.06	22.34		
20	QPSK	50	0	22.34	22.14	22.45	22.01	22.37		
20	QPSK	50	24	22.23	21.94	22.16	21.98	22.36	23.2	0
20	QPSK	50	50	22.25	22.10	22.07	21.88	22.26		
20	QPSK	100	0	22.15	22.07	22.32	21.81	22.33		
20	16QAM	1	0	22.33	22.06	22.22	21.84	22.34		
20	16QAM	1	49	22.15	22.10	22.18	21.97	22.30	23.2	0
20	16QAM	1	99	22.31	22.00	22.15	21.93	22.33		
20	16QAM	50	0	22.27	22.13	22.16	21.94	22.36		
20	16QAM	50	24	22.26	22.13	22.34	21.97	22.31	23.2	0
20	16QAM	50	50	22.15	21.94	22.18	21.90	22.34		
20	16QAM	100	0	22.17	21.99	22.12	21.94	22.30		
20	64QAM	1	0	22.33	22.14	22.09	21.90	22.32		
20	64QAM	1	49	22.22	22.04	22.04	22.00	22.35	23.2	0
20	64QAM	1	99	22.21	22.05	22.20	21.94	22.22		
20	64QAM	50	0	22.26	22.07	22.05	21.89	22.32		
20	64QAM	50	24	22.34	22.06	22.08	21.93	22.26	22.7	0.5
20	64QAM	50	50	22.15	22.14	22.20	21.91	22.28		
20	64QAM	100	0	22.33	22.06	22.24	22.01	22.22		
20	256QAM	1	0	22.27	22.13	22.12	21.94	22.33		
20	256QAM	1	49	22.27	22.02	22.14	21.99	22.41	20.7	2.5
20	256QAM	1	99	22.29	22.05	22.08	21.83	22.36		
20	256QAM	50	0	22.21	21.96	22.13	21.93	22.23		
20	256QAM	50	24	22.25	22.08	22.12	21.88	22.25	20.7	2.5
20	256QAM	50	50	22.21	22.02	22.16	21.86	22.29		
20	256QAM	100	0	22.19	22.11	22.21	21.87	22.33		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.18	22.01	22.23	21.94	22.35	23.2	0
15	QPSK	1	37	22.09	21.88	22.14	21.58	22.12		
15	QPSK	1	74	22.21	22.15	21.95	21.93	22.07		
15	QPSK	36	0	22.07	21.99	22.23	21.94	22.16		
15	QPSK	36	20	21.93	21.82	21.94	21.82	22.16	23.2	0
15	QPSK	36	39	22.11	21.97	21.82	21.75	22.01		
15	QPSK	75	0	22.01	21.88	22.03	21.61	22.06		
15	16QAM	1	0	22.04	21.85	21.99	21.69	22.17		
15	16QAM	1	37	21.98	21.95	22.05	21.85	22.16	23.2	0
15	16QAM	1	74	22.06	21.84	21.92	21.72	22.05		
15	16QAM	36	0	21.99	21.84	21.95	21.72	22.16		
15	16QAM	36	20	21.98	21.89	22.03	21.69	22.07	23.2	0
15	16QAM	36	39	21.94	21.64	21.96	21.80	22.08		
15	16QAM	75	0	22.04	21.69	22.02	21.67	22.19		
15	64QAM	1	0	22.05	22.04	21.91	21.75	22.02		
15	64QAM	1	37	22.12	21.82	21.89	21.83	22.13	23.2	0
15	64QAM	1	74	21.98	21.91	21.93	21.68	21.94		
15	64QAM	36	0	22.09	21.73	21.88	21.73	22.16		
15	64QAM	36	20	22.11	21.95	21.79	21.83	22.06	23.2	0
15	64QAM	36	39	21.85	22.02	22.06	21.74	22.07		
15	64QAM	75	0	22.22	21.8	22.00	21.83	21.98		
15	256QAM	1	0	22.03	21.87	21.86	21.76	22.12		
15	256QAM	1	37	22.13	21.82	22.04	21.79	22.14	20.7	2.5
15	256QAM	1	74	21.99	21.89	21.81	21.71	22.11		
15	256QAM	36	0	21.92	21.82	21.89	21.72	21.93		
15	256QAM	36	20	21.95	21.89	21.95	21.62	22.05	20.7	2.5
15	256QAM	36	39	22.02	21.72	21.92	21.67	22.15		
15	256QAM	75	0	22.05	21.91	22.00	21.62	22.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.30	22.14	22.24	21.81	22.24	23.2	0
10	QPSK	1	25	22.12	22.00	22.18	21.64	22.20		
10	QPSK	1	49	22.14	22.01	21.99	21.84	22.20		
10	QPSK	25	0	22.13	21.94	22.17	21.82	22.25		
10	QPSK	25	12	22.08	21.78	21.94	21.75	22.25	23.2	0
10	QPSK	25	25	22.11	21.95	21.96	21.69	22.12		
10	QPSK	50	0	21.87	21.91	22.20	21.57	22.15		
10	16QAM	1	0	22.16	21.89	21.92	21.73	22.09		
10	16QAM	1	25	22.03	21.91	22.00	21.84	22.02	23.2	0
10	16QAM	1	49	22.13	21.86	21.94	21.82	22.05		
10	16QAM	25	0	22.02	21.94	21.87	21.56	22.24		
10	16QAM	25	12	22.00	22.02	22.12	21.85	22.05	23.2	0
10	16QAM	25	25	21.87	21.79	22.06	21.62	22.16		
10	16QAM	50	0	21.96	21.88	21.87	21.69	22.04		
10	64QAM	1	0	22.19	21.90	21.95	21.72	22.08		
10	64QAM	1	25	22.10	21.78	22.04	21.80	22.25	23.2	0
10	64QAM	1	49	22.02	21.78	22.09	21.70	21.98		
10	64QAM	25	0	21.97	21.67	21.81	21.59	22.06		
10	64QAM	25	12	22.23	21.79	21.83	21.77	22.16	23.2	0
10	64QAM	25	25	22.04	22.00	22.00	21.79	22.06		
10	64QAM	50	0	22.06	21.94	22.00	21.71	21.94		
10	256QAM	1	0	21.99	21.88	21.94	21.83	22.03		
10	256QAM	1	25	22.00	21.90	21.86	21.69	22.14	20.7	2.5
10	256QAM	1	49	21.94	21.88	21.91	21.63	22.25		
10	256QAM	25	0	21.94	21.75	21.97	21.73	21.95		
10	256QAM	25	12	22.15	21.90	21.94	21.78	22.02	20.7	2.5
10	256QAM	25	25	22.04	21.90	22.06	21.75	22.07		
10	256QAM	50	0	21.88	21.85	22.04	21.76	21.93		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.16	22.06	22.20	21.80	22.34	23.2	0
5	QPSK	1	12	22.02	21.94	22.17	21.63	22.14		
5	QPSK	1	24	22.27	22.05	22.12	21.80	22.21		
5	QPSK	12	0	22.07	22.00	22.17	21.82	22.24		
5	QPSK	12	7	22.06	21.70	21.94	21.69	22.22	23.2	0
5	QPSK	12	13	21.99	21.91	21.78	21.59	22.07		
5	QPSK	25	0	22.02	21.85	22.04	21.68	22.08		
5	16QAM	1	0	22.10	21.85	22.01	21.73	22.22		
5	16QAM	1	12	21.90	21.92	21.89	21.81	22.12	23.2	0
5	16QAM	1	24	22.20	21.90	21.88	21.69	22.13		
5	16QAM	12	0	22.15	21.85	22.02	21.58	22.24		
5	16QAM	12	7	21.96	21.88	22.03	21.80	22.13	23.2	0
5	16QAM	12	13	21.96	21.76	22.04	21.64	22.05		
5	16QAM	25	0	21.95	21.89	21.97	21.72	22.07		
5	64QAM	1	0	22.17	22.02	21.87	21.66	22.22		
5	64QAM	1	12	21.92	21.82	21.88	21.80	22.15	23.2	0
5	64QAM	1	24	21.90	21.92	22.00	21.77	22.12		
5	64QAM	12	0	21.95	21.80	21.79	21.65	22.15		
5	64QAM	12	7	22.22	21.88	21.91	21.81	21.97	22.7	0.5
5	64QAM	12	13	21.87	21.87	22.09	21.67	22.03		
5	64QAM	25	0	22.07	21.81	21.98	21.66	21.94		
5	256QAM	1	0	22.17	21.98	21.92	21.65	22.16		
5	256QAM	1	12	22.04	21.78	21.99	21.77	22.17	20.7	2.5
5	256QAM	1	24	22.03	21.85	21.80	21.67	22.09		
5	256QAM	12	0	22.02	21.80	21.95	21.79	21.95		
5	256QAM	12	7	22.09	21.85	21.94	21.59	21.99	20.7	2.5
5	256QAM	12	13	21.91	21.91	22.03	21.58	22.05		
5	256QAM	25	0	22.01	21.92	21.97	21.61	22.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.58	22.50	22.59	22.48	22.55	23.5	0
20	QPSK	1	49	22.55	22.32	22.44	22.39	22.50		
20	QPSK	1	99	22.47	22.39	22.43	22.43	22.40		
20	QPSK	50	0	22.56	22.39	22.52	22.34	22.40		
20	QPSK	50	24	22.43	22.27	22.34	22.24	22.22	23.5	0
20	QPSK	50	50	22.45	22.29	22.39	22.15	22.28		
20	QPSK	100	0	22.37	22.30	22.39	22.28	22.25		
20	16QAM	1	0	22.36	22.25	22.42	22.34	22.31		
20	16QAM	1	49	22.50	22.10	22.39	22.30	22.24	23.5	0
20	16QAM	1	99	22.48	22.30	22.37	22.17	22.26		
20	16QAM	50	0	22.37	21.22	21.27	21.18	21.33		
20	16QAM	50	24	21.36	21.15	21.34	21.30	21.31	22.5	1
20	16QAM	50	50	21.45	21.15	21.28	21.22	21.23		
20	16QAM	100	0	21.48	21.26	21.28	21.21	21.38		
20	64QAM	1	0	21.45	21.15	21.27	21.27	21.32		
20	64QAM	1	49	21.54	21.17	21.25	21.25	21.31	22.5	1
20	64QAM	1	99	21.49	21.16	21.26	21.19	21.27		
20	64QAM	50	0	20.52	20.23	20.26	20.15	20.34		
20	64QAM	50	24	20.52	20.27	20.38	20.21	20.30	21.5	2
20	64QAM	50	50	20.41	20.21	20.34	20.21	20.32		
20	64QAM	100	0	20.36	20.24	20.38	20.29	20.31		
20	256QAM	1	0	18.40	18.17	18.41	18.21	18.36		
20	256QAM	1	49	18.49	18.19	18.30	18.22	18.27	19.5	4
20	256QAM	1	99	18.50	18.23	18.40	18.28	18.33		
20	256QAM	50	0	18.46	18.23	18.23	18.19	18.29		
20	256QAM	50	24	18.56	18.25	18.30	18.21	18.37	19.5	4
20	256QAM	50	50	18.53	18.15	18.32	18.17	18.21		
20	256QAM	100	0	18.48	18.15	18.34	18.28	18.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.47	22.49	22.28	22.40	23.5	0
15	QPSK	1	37	22.54	22.30	22.36	22.36	22.42		
15	QPSK	1	74	22.30	22.36	22.37	22.33	22.35		
15	QPSK	36	0	22.35	22.29	22.50	22.33	22.32		
15	QPSK	36	20	22.25	22.07	22.18	22.19	22.21	23.5	0
15	QPSK	36	39	22.34	22.19	22.29	22.03	22.20		
15	QPSK	75	0	22.33	22.20	22.30	22.27	22.06		
15	16QAM	1	0	22.32	22.15	22.35	22.30	22.19		
15	16QAM	1	37	22.45	21.99	22.30	22.15	22.14	23.5	0
15	16QAM	1	74	22.43	22.15	22.23	22.14	22.10		
15	16QAM	36	0	21.34	21.09	21.20	21.10	21.27		
15	16QAM	36	20	21.30	20.97	21.24	21.29	21.12	22.5	1
15	16QAM	36	39	21.39	21.08	21.19	21.20	21.09		
15	16QAM	75	0	21.43	21.25	21.27	21.19	21.29		
15	64QAM	1	0	21.31	20.97	21.19	21.21	21.23		
15	64QAM	1	37	21.44	21.09	21.14	21.05	21.26	22.5	1
15	64QAM	1	74	21.36	21.14	21.08	21.05	21.09		
15	64QAM

Reduced Power for DSI3 ENDC&ULCA_Main PA

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.83	21.99	21.92	23	0
20	QPSK	1	49	21.72	21.91	21.83		
20	QPSK	1	99	21.72	21.84	21.83		
20	QPSK	50	0	21.73	21.94	21.91		
20	QPSK	50	24	21.69	21.86	21.83		
20	QPSK	50	50	21.59	21.83	21.79		
20	QPSK	100	0	21.69	21.91	21.81		
20	16QAM	1	0	21.63	21.81	21.90	23	0
20	16QAM	1	49	21.60	21.89	21.87		
20	16QAM	1	99	21.60	21.91	21.83		
20	16QAM	50	0	21.58	21.88	21.83		
20	16QAM	50	24	21.65	21.79	21.85	23	0
20	16QAM	50	50	21.65	21.82	21.79		
20	16QAM	100	0	21.59	21.83	21.79		
20	64QAM	1	0	21.67	21.93	21.80		
20	64QAM	1	49	21.64	21.91	21.82	23	0
20	64QAM	1	99	21.72	21.91	21.86		
20	64QAM	50	0	20.62	20.84	20.77		
20	64QAM	50	24	20.66	20.84	20.89	22	1
20	64QAM	50	50	20.60	20.83	20.90		
20	64QAM	100	0	20.83	20.84	20.82		
20	256QAM	1	0	18.56	18.83	18.79		
20	256QAM	1	49	18.62	18.80	18.88	20	3
20	256QAM	1	99	18.71	18.92	18.77		
20	256QAM	50	0	18.59	18.90	18.83		
20	256QAM	50	24	18.62	18.83	18.85	20	3
20	256QAM	50	50	18.63	18.93	18.79		
20	256QAM	100	0	18.62	18.87	18.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.72	21.93	21.85	23	0
15	QPSK	1	37	21.57	21.82	21.81		
15	QPSK	1	74	21.57	21.70	21.81		
15	QPSK	36	0	21.66	21.88	21.87		
15	QPSK	36	20	21.59	21.81	21.75	23	0
15	QPSK	36	39	21.49	21.81	21.75		
15	QPSK	75	0	21.64	21.83	21.74		
15	16QAM	1	0	21.60	21.80	21.84		
15	16QAM	1	37	21.58	21.74	21.82	23	0
15	16QAM	1	74	21.53	21.85	21.81		
15	16QAM	36	0	21.51	21.86	21.79		
15	16QAM	36	20	21.56	21.76	21.73	23	0
15	16QAM	36	39	21.56	21.69	21.71		
15	16QAM	75	0	21.49	21.69	21.75		
15	64QAM	1	0	21.66	21.84	21.77		
15	64QAM	1	37	21.51	21.79	21.69	23	0
15	64QAM	1	74	21.65	21.79	21.76		
15	64QAM	36	0	20.57	20.76	20.86		
15	64QAM	36	20	20.57	20.79	20.86	22	1
15	64QAM	36	39	20.58	20.76	20.88		
15	64QAM	75	0	20.49	20.71	20.77		
15	256QAM	1	0	18.58	18.74	18.77		
15	256QAM	1	37	18.53	18.69	18.80	20	3
15	256QAM	1	74	18.66	18.85	18.72		
15	256QAM	36	0	18.54	18.77	18.73		
15	256QAM	36	20	18.56	18.78	18.82	20	3
15	256QAM	36	39	18.48	18.82	18.77		
15	256QAM	75	0	18.51	18.72	18.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1635	1880	1905		
10	QPSK	1	0	21.75	21.84	21.79	23	0
10	QPSK	1	25	21.71	21.86	21.74		
10	QPSK	1	49	21.67	21.81	21.71		
10	QPSK	25	0	21.67	21.85	21.82		
10	QPSK	25	12	21.53	21.81	21.82	23	0
10	QPSK	25	25	21.52	21.72	21.82		
10	QPSK	50	0	21.59	21.87	21.70		
10	16QAM	1	0	21.52	21.76	21.81		
10	16QAM	1	25	21.52	21.77	21.82	23	0
10	16QAM	1	49	21.48	21.85	21.75		
10	16QAM	25	0	21.51	21.82	21.74		
10	16QAM	25	12	21.54	21.66	21.76	23	0
10	16QAM	25	25	21.56	21.80	21.69		
10	16QAM	50	0	21.51	21.79	21.69		
10	64QAM	1	0	21.54	21.89	21.78		
10	64QAM	1	25	21.58	21.86	21.76	23	0
10	64QAM	1	49	21.66	21.85	21.74		
10	64QAM	25	0	20.57	20.75	20.88		
10	64QAM	25	12	20.51	20.72	20.77	22	1
10	64QAM	25	25	20.55	20.75	20.77		
10	64QAM	50	0	20.52	20.83	20.68		
10	256QAM	1	0	18.57	18.72	18.72		
10	256QAM	1	25	18.50	18.68	18.87	20	3
10	256QAM	1	49	18.57	18.87	18.65		
10	256QAM	25	0	18.50	18.83	18.78		
10	256QAM	25	12	18.61	18.82	18.76	20	3
10	256QAM	25	25	18.54	18.90	18.76		
10	256QAM	50	0	18.51	18.76	18.77		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1632.5	1880	1907.5		
5	QPSK	1	0	21.68	21.93	21.90	23	0
5	QPSK	1	12	21.61	21.90	21.75		
5	QPSK	1	24	21.61	21.72	21.71		
5	QPSK	12	0	21.59	21.93	21.82		
5	QPSK	12	7	21.66	21.79	21.68	23	0
5	QPSK	12	13	21.56	21.69	21.82		
5	QPSK	25	0	21.61	21.90	21.72		
5	16QAM	1	0	21.57	21.73	21.84		
5	16QAM	1	12	21.55	21.80	21.82	23	0
5	16QAM	1	24	21.55	21.85	21.76		
5	16QAM	12	0	21.50	21.87	21.69		
5	16QAM	12	7	21.51	21.74	21.81	23	0
5	16QAM	12	13	21.56	21.79	21.67		
5	16QAM	25	0	21.54	21.72	21.65		
5	64QAM	1	0	21.64	21.79	21.76	23	0
5	64QAM	1	12	21.56	21.85	21.79		
5	64QAM	1	24	21.64	21.78	21.74		
5	64QAM	12	0	20.49	20.81	20.66		
5	64QAM	12	7	20.49	20.70	20.84	22	1
5	64QAM	12	13	20.48	20.69	20.83		
5	64QAM	25	0	20.49	20.69	20.72		
5	256QAM	1	0	18.65	18.74	18.73		
5	256QAM	1	12	18.47	18.72	18.86	20	3
5	256QAM	1	24	18.64	18.91	18.75		
5	256QAM	12	0	18.53	18.84	18.82		
5	256QAM	12	7	18.58	18.76	18.73	20	3
5	256QAM	12	13	18.57	18.91	18.76		
5	256QAM	25	0	18.50	18.86	18.75		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.76	21.98	21.81	23	0
3	QPSK	1	8	21.66	21.89	21.81		
3	QPSK	1	14	21.61	21.76	21.70		
3	QPSK	8	0	21.62	21.79	21.86		
3	QPSK	8	4	21.63	21.77	21.68	23	0
3	QPSK	8	7	21.57	21.74	21.79		
3	QPSK	15	0	21.67	21.81	21.70		
3	16QAM	1	0	21.58	21.74	21.84		
3	16QAM	1	8	21.53	21.74	21.72	23	0
3	16QAM	1	14	21.51	21.75	21.75		
3	16QAM	8	0	21.57	21.76	21.71		
3	16QAM	8	4	21.51	21.74	21.72	23	0
3	16QAM	8	7	21.60	21.69	21.77		
3	16QAM	15	0	21.47	21.80	21.61		
3	64QAM	1	0	21.56	21.89	21.69		
3	64QAM	1	8	21.57	21.80	21.78	23	0
3	64QAM	1	14	21.64	21.77	21.83		
3	64QAM	8	0	20.51	20.72	20.63		
3	64QAM	8	4	20.55	20.75	20.81	22	1
3	64QAM	8	7	20.54	20.68	20.75		
3	64QAM	15	0	20.53	20.80	20.77		
3	256QAM	1	0	18.54	18.75	18.78		
3	256QAM	1	8	18.60	18.72	18.76	20	3
3	256QAM	1	14	18.61	18.86	18.67		
3	256QAM	8	0	18.53	18.79	18.80		
3	256QAM	8	4	18.61	18.78	18.87	20	3
3	256QAM	8	7	18.48	18.80	18.70		
3	256QAM	15	0	18.49	18.73	18.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.68	21.87	21.81	23	0
1.4	QPSK	1	3	21.70	21.90	21.70		
1.4	QPSK	1	5	21.62	21.79	21.79		
1.4	QPSK	3	0	21.71	21.82	21.76		
1.4	QPSK	3	1	21.56	21.71	21.73		
1.4	QPSK	3	3	21.51	21.67	21.72		
1.4	QPSK	6	0	21.66	21.83	21.77	23	0
1.4	16QAM	1	0	21.55	21.69	21.81	23	0
1.4	16QAM	1	3	21.59	21.76	21.78		
1.4	16QAM	1	5	21.54	21.85	21.74		
1.4	16QAM	3	0	21.47	21.86	21.81		
1.4	16QAM	3	1	21.59	21.70	21.74		
1.4	16QAM	3	3	21.60	21.74	21.76		
1.4	16QAM	6	0	21.56	21.80	21.66	23	0
1.4	64QAM	1	0	21.61	21.91	21.75	23	0
1.4	64QAM	1	3	21.57	21.81	21.67		
1.4	64QAM	1	5	21.57	21.88	21.74		
1.4	64QAM	3	0	21.45	21.80	21.82		
1.4	64QAM	3	1	21.51	21.87	21.70		
1.4	64QAM	3	3	21.44	21.83	21.70		
1.4	64QAM	6	0	20.44	20.85	20.67	22	1
1.4	256QAM	1	0	18.60	18.73	18.68	20	3
1.4	256QAM	1	3	18.61	18.70	18.81		
1.4	256QAM	1	5	18.70	18.78	18.72		
1.4	256QAM	3	0	18.52	18.84	18.79		
1.4	256QAM	3	1	18.49	18.68	18.82		
1.4	256QAM	3	3	18.62	18.92	18.66		
1.4	256QAM	6	0	18.52	18.86	18.76	20	3

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.55	23.65	23.62	24.5	0
20	QPSK	1	49	23.53	23.69	23.57		
20	QPSK	1	99	23.48	23.52	23.60		
20	QPSK	50	0	22.57	22.63	22.56	23.5	1
20	QPSK	50	24	22.56	22.56	22.52		
20	QPSK	50	50	22.52	22.53	22.47		
20	QPSK	100	0	22.52	22.60	22.59		
20	16QAM	1	0	22.86	22.81	22.84	23.5	1
20	16QAM	1	49	22.74	22.83	22.71		
20	16QAM	1	99	22.66	22.75	22.79		
20	16QAM	50	0	21.35	21.65	21.53	22.5	2
20	16QAM	50	24	21.49	21.52	21.55		
20	16QAM	50	50	21.53	21.54	21.47		
20	16QAM	100	0	21.49	21.51	21.54		
20	64QAM	1	0	21.68	21.65	21.71	22.5	2
20	64QAM	1	49	21.58	21.67	21.61		
20	64QAM	1	99	21.48	21.58	21.66		
20	64QAM	50	0	20.39	20.57	20.57	21.5	3
20	64QAM	50	24	20.51	20.57	20.61		
20	64QAM	50	50	20.57	20.55	20.47		
20	64QAM	100	0	20.53	20.57	20.60		
20	256QAM	1	0	18.56	18.51	18.54	19.5	5
20	256QAM	1	49	18.46	18.46	18.41		
20	256QAM	1	99	18.40	18.45	18.47		
20	256QAM	50	0	18.52	18.52	18.63		
20	256QAM	50	24	18.66	18.61	18.53	19.5	5
20	256QAM	50	50	18.39	18.39	18.53		
20	256QAM	100	0	18.57	18.43	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.50	23.61	23.51	24.5	0
15	QPSK	1	37	23.43	23.52	23.47		
15	QPSK	1	74	23.42	23.42	23.48		
15	QPSK	36	0	22.50	22.53	22.52	23.5	1
15	QPSK	36	20	22.48	22.49	22.48		
15	QPSK	36	39	22.41	22.50	22.45		
15	QPSK	75	0	22.48	22.59	22.48		
15	16QAM	1	0	22.76	22.76	22.72	23.5	1
15	16QAM	1	37	22.69	22.82	22.68		
15	16QAM	1	74	22.65	22.68	22.70		
15	16QAM	36	0	21.29	21.63	21.52	22.5	2
15	16QAM	36	20	21.45	21.42	21.48		
15	16QAM	36	39	21.45	21.49	21.40		
15	16QAM	75	0	21.41	21.50	21.43		
15	64QAM	1	0	21.65	21.61	21.69	22.5	2
15	64QAM	1	37	21.46	21.64	21.53		
15	64QAM	1	74	21.42	21.57	21.54		
15	64QAM	36	0	20.37	20.56	20.48	21.5	3
15	64QAM	36	20	20.48	20.53	20.57		
15	64QAM	36	39	20.54	20.46	20.36		
15	64QAM	75	0	20.50	20.46	20.57		
15	256QAM	1	0	18.47	18.52	18.38	19.5	5
15	256QAM	1	37	18.41	18.38	18.37		
15	256QAM	1	74	18.35	18.36	18.43		
15	256QAM	36	0	18.47	18.45	18.57		
15	256QAM	36	20	18.62	18.51	18.50		
15	256QAM	36	39	18.33	18.30	18.44		
15	256QAM	75	0	18.49	18.34	18.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1635	1880	1905		
10	QPSK	1	0	23.45	23.61	23.58	24.5	0
10	QPSK	1	25	23.45	23.54	23.53		
10	QPSK	1	49	23.38	23.59	23.48		
10	QPSK	25	0	22.52	22.51	22.52	23.5	1
10	QPSK	25	12	22.45	22.47	22.44		
10	QPSK	25	25	22.47	22.45	22.43		
10	QPSK	50	0	22.51	22.48	22.48		
10	16QAM	1	0	22.82	22.76	22.73	23.5	1
10	16QAM	1	25	22.64	22.82	22.70		
10	16QAM	1	49	22.56	22.66	22.69		
10	16QAM	25	0	21.23	21.61	21.50	22.5	2
10	16QAM	25	12	21.47	21.45	21.48		
10	16QAM	25	25	21.47	21.46	21.47		
10	16QAM	50	0	21.44	21.39	21.42		
10	64QAM	1	0	21.66	21.55	21.62	22.5	2
10	64QAM	1	25	21.53	21.62	21.56		
10	64QAM	1	49	21.43	21.53	21.64		
10	64QAM	25	0	20.38	20.56	20.54	21.5	3
10	64QAM	25	12	20.50	20.53	20.53		
10	64QAM	25	25	20.56	20.44	20.43		
10	64QAM	50	0	20.42	20.53	20.58		
10	256QAM	1	0	18.51	18.51	18.45	19.5	5
10	256QAM	1	25	18.36	18.37	18.37		
10	256QAM	1	49	18.31	18.43	18.37		
10	256QAM	25	0	18.42	18.44	18.62		
10	256QAM	25	12	18.59	18.57	18.44	19.5	5
10	256QAM	25	25	18.37	18.34	18.51		
10	256QAM	50	0	18.49	18.37	18.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1632.5	1880	1907.5		
5	QPSK	1	0	23.49	23.55	23.57	24.5	0
5	QPSK	1	12	23.47	23.52	23.56		
5	QPSK	1	24	23.39	23.48	23.54		
5	QPSK	12	0	22.47	22.62	22.50	23.5	1
5	QPSK	12	7	22.49	22.52	22.43		
5	QPSK	12	13	22.43	22.44	22.42		
5	QPSK	25	0	22.43	22.59	22.58		
5	16QAM	1	0	22.79	22.77	22.77	23.5	1
5	16QAM	1	12	22.71	22.77	22.70		
5	16QAM	1	24	22.57	22.68	22.74		
5	16QAM	12	0	21.24	21.64	21.47	22.5	2
5	16QAM	12	7	21.41	21.42	21.43		
5	16QAM	12	13	21.47	21.52	21.47		
5	16QAM	25	0	21.46	21.44	21.45		
5	64QAM	1	0	21.60	21.57	21.59	22.5	2
5	64QAM	1	12	21.55	21.66	21.55		
5	64QAM	1	24	21.41	21.62	21.47		
5	64QAM	12	0	20.31	20.64	20.55	21.5	3
5	64QAM	12	7	20.43	20.51	20.58		
5	64QAM	12	13	20.54	20.43	20.35		
5	64QAM	25	0	20.47	20.47	20.48		
5	256QAM	1	0	18.48	18.48	18.43	19.5	5
5	256QAM	1	12	18.41	18.44	18.34		
5	256QAM	1	24	18.39	18.41	18.40		
5	256QAM	12	0	18.44	18.49	18.53		
5	256QAM	12	7	18.60	18.54	18.47	19.5	5
5	256QAM	12	13	18.27	18.30	18.47		
5	256QAM	25	0	18.51	18.31	18.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.49	23.64	23.57	24.5	0
3	QPSK	1	8	23.49	23.50	23.54		
3	QPSK	1	14	23.43	23.49	23.52		
3	QPSK	8	0	22.45	22.60	22.44	23.5	1
3	QPSK	8	4	22.46	22.54	22.45		
3	QPSK	8	7	22.48	22.49	22.38		
3	QPSK	15	0	22.48	22.54	22.53		
3	16QAM	1	0	22.78	22.76	22.80	23.5	1
3	16QAM	1	8	22.63	22.76	22.61		
3	16QAM	1	14	22.62	22.63	22.75		
3	16QAM	8	0	21.26	21.60	21.41	22.5	2
3	16QAM	8	4	21.37	21.40	21.53		
3	16QAM	8	7	21.44	21.46	21.45		
3	16QAM	15	0	21.37	21.49	21.47		
3	64QAM	1	0	21.59	21.61	21.66	22.5	2
3	64QAM	1	8	21.56	21.63	21.57		
3	64QAM	1	14	21.39	21.49	21.61		
3	64QAM	8	0	20.38	20.64	20.48	21.5	3
3	64QAM	8	4	20.40	20.49	20.49		
3	64QAM	8	7	20.50	20.48	20.35		
3	64QAM	15	0	20.50	20.47	20.52		
3	256QAM	1	0	18.55	18.53	18.46	19.5	5
3	256QAM	1	8	18.43	18.35	18.40		
3	256QAM	1	14	18.32	18.34	18.37		
3	256QAM	8	0	18.44	18.51	18.57		
3	256QAM	8	4	18.65	18.57	18.45	19.5	5
3	256QAM	8	7	18.31	18.38	18.49		
3	256QAM	15	0	18.48	18.39	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.53	23.53	23.53	24.5	0
1.4	QPSK	1	3	23.51	23.56	23.58		
1.4	QPSK	1	5	23.39	23.41	23.59		
1.4	QPSK	3	0	23.52	23.45	23.47		
1.4	QPSK	3	1	23.42	23.52	23.56		
1.4	QPSK	3	3	23.32	23.36	23.49		
1.4	QPSK	6	0	22.46	22.56	22.47	23.5	1
1.4	16QAM	1	0	22.84	22.71	22.82	23.5	1
1.4	16QAM	1	3	22.72	22.74	22.66		
1.4	16QAM	1	5	22.60	22.69	22.75		
1.4	16QAM	3	0	22.83	22.65	22.73		
1.4	16QAM	3	1	22.62	22.65	22.59		
1.4	16QAM	3	3	22.55	22.64	22.66		
1.4	16QAM	6	0	21.39	21.39	21.47	22.5	2
1.4	64QAM	1	0	21.59	21.56	21.60	22.5	2
1.4	64QAM	1	3	21.56	21.57	21.54		
1.4	64QAM	1	5	21.45	21.48	21.56		
1.4	64QAM	3	0	21.58	21.54	21.49		
1.4	64QAM	3	1	21.49	21.50	21.51		
1.4	64QAM	3	3	21.35	21.39	21.53		
1.4	64QAM	6	0	20.49	20.53	20.53	21.5	3
1.4	256QAM	1	0	18.46	18.56	18.42	19.5	5
1.4	256QAM	1	3	18.41	18.43	18.34		
1.4	256QAM	1	5	18.30	18.41	18.43		
1.4	256QAM	3	0	18.48	18.48	18.51		
1.4	256QAM	3	1	18.61	18.57	18.47		
1.4	256QAM	3	3	18.38	18.30	18.43		
1.4	256QAM	6	0	18.56	18.37	18.42	19.5	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.59	24.66	24.65	25.5	0
10	QPSK	1	25	24.55	24.56	24.64		
10	QPSK	1	49	24.51	24.65	24.58		
10	QPSK	25	0	23.62	23.68	23.64	24.5	1
10	QPSK	25	12	23.53	23.52	23.62		
10	QPSK	25	25	23.51	23.58	23.56		
10	QPSK	50	0	23.55	23.63	23.54		
10	16QAM	1	0	23.66	23.74	23.82	24.5	1
10	16QAM	1	25	23.73	23.82	23.81		
10	16QAM	1	49	23.74	23.81	23.82		
10	16QAM	25	0	22.49	22.55	22.67	23.5	2
10	16QAM	25	12	22.50	22.63

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	22.99	22.88	24	0
20	QPSK	1	49	22.96	22.97	22.84		
20	QPSK	1	99	22.85	22.96	22.84		
20	QPSK	50	0	22.03	22.07	21.99	23	1
20	QPSK	50	24	21.95	22.04	21.92		
20	QPSK	50	50	21.96	22.00	21.91		
20	QPSK	100	0	21.90	22.00	21.90		
20	16QAM	1	0	22.04	22.16	22.09	23	1
20	16QAM	1	49	22.15	22.22	22.09		
20	16QAM	1	99	22.17	22.20	22.05		
20	16QAM	50	0	20.88	21.02	20.92	22	2
20	16QAM	50	24	20.88	20.99	20.86		
20	16QAM	50	50	20.99	21.00	20.87		
20	16QAM	100	0	20.87	20.95	20.89		
20	64QAM	1	0	20.96	21.08	21.00	22	2
20	64QAM	1	49	21.11	21.13	20.99		
20	64QAM	1	99	21.12	21.15	21.02		
20	64QAM	50	0	19.85	20.04	19.91	21	3
20	64QAM	50	24	19.89	20.00	19.87		
20	64QAM	50	50	20.02	19.98	19.85		
20	64QAM	100	0	19.88	19.99	19.88		
20	256QAM	1	0	17.37	17.44	17.40	19	5
20	256QAM	1	49	17.35	17.38	17.31		
20	256QAM	1	99	17.33	17.36	17.33		
20	256QAM	50	0	17.36	17.40	17.35	19	5
20	256QAM	50	24	17.44	17.45	17.42		
20	256QAM	50	50	17.33	17.44	17.43		
20	256QAM	100	0	17.26	17.33	17.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	22.95	22.80	24	0
15	QPSK	1	37	22.92	22.91	22.79		
15	QPSK	1	74	22.76	22.89	22.75		
15	QPSK	36	0	21.92	21.99	21.96	23	1
15	QPSK	36	20	21.94	21.95	21.91		
15	QPSK	36	39	21.95	21.93	21.80		
15	QPSK	75	0	21.82	21.97	21.86		
15	16QAM	1	0	21.99	22.04	22.01	23	1
15	16QAM	1	37	22.04	22.12	22.04		
15	16QAM	1	74	22.13	22.14	21.93		
15	16QAM	36	0	20.79	20.93	20.82	22	2
15	16QAM	36	20	20.78	20.91	20.85		
15	16QAM	36	39	20.88	20.92	20.85		
15	16QAM	75	0	20.82	20.84	20.84		
15	64QAM	1	0	20.88	21.01	20.93	22	2
15	64QAM	1	37	21.02	21.10	20.91		
15	64QAM	1	74	21.05	21.04	20.91		
15	64QAM	36	0	19.75	19.92	19.85	21	3
15	64QAM	36	20	19.80	19.98	19.83		
15	64QAM	36	39	19.99	19.95	19.84		
15	64QAM	75	0	19.80	19.95	19.80		
15	256QAM	1	0	17.33	17.37	17.31	19	5
15	256QAM	1	37	17.26	17.31	17.27		
15	256QAM	1	74	17.25	17.26	17.29		
15	256QAM	36	0	17.25	17.37	17.29	19	5
15	256QAM	36	20	17.41	17.38	17.31		
15	256QAM	36	39	17.28	17.40	17.31		
15	256QAM	75	0	17.16	17.22	17.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.95	22.91	22.87	24	0
10	QPSK	1	25	22.95	22.86	22.75		
10	QPSK	1	49	22.83	22.84	22.76		
10	QPSK	25	0	21.93	22.04	21.89	23	1
10	QPSK	25	12	21.87	21.96	21.83		
10	QPSK	25	25	21.92	21.95	21.83		
10	QPSK	50	0	21.79	21.98	21.78		
10	16QAM	1	0	21.93	22.05	22.04	23	1
10	16QAM	1	25	22.08	22.19	22.00		
10	16QAM	1	49	22.12	22.13	22.00		
10	16QAM	25	0	20.79	20.93	20.84	22	2
10	16QAM	25	12	20.85	20.95	20.81		
10	16QAM	25	25	20.90	20.93	20.80		
10	16QAM	50	0	20.75	20.84	20.83		
10	64QAM	1	0	20.87	20.96	20.93	22	2
10	64QAM	1	25	20.99	21.02	20.92		
10	64QAM	1	49	21.05	21.05	20.92		
10	64QAM	25	0	19.82	19.95	19.80	21	3
10	64QAM	25	12	19.88	19.90	19.77		
10	64QAM	25	25	19.98	19.92	19.76		
10	64QAM	50	0	19.77	19.98	19.80		
10	256QAM	1	0	17.29	17.38	17.36	19	5
10	256QAM	1	25	17.22	17.31	17.30		
10	256QAM	1	49	17.32	17.25	17.28		
10	256QAM	25	0	17.28	17.28	17.28	19	5
10	256QAM	25	12	17.38	17.42	17.38		
10	256QAM	25	25	17.24	17.33	17.31		
10	256QAM	50	0	17.18	17.26	17.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.88	22.89	22.87	24	0
5	QPSK	1	12	22.93	22.96	22.81		
5	QPSK	1	24	22.76	22.91	22.73		
5	QPSK	12	0	21.93	22.05	21.92	23	1
5	QPSK	12	7	21.84	22.02	21.81		
5	QPSK	12	13	21.86	21.95	21.81		
5	QPSK	25	0	21.80	21.98	21.79		
5	16QAM	1	0	22.03	22.10	22.00	23	1
5	16QAM	1	12	22.03	22.17	22.07		
5	16QAM	1	24	22.06	22.11	21.99		
5	16QAM	12	0	20.84	20.93	20.82	22	2
5	16QAM	12	7	20.86	20.94	20.76		
5	16QAM	12	13	20.93	20.93	20.77		
5	16QAM	25	0	20.85	20.83	20.82		
5	64QAM	1	0	20.87	21.07	20.89	22	2
5	64QAM	1	12	21.00	21.06	20.96		
5	64QAM	1	24	20.90	21.03	20.94		
5	64QAM	12	0	19.79	19.94	19.86	21	3
5	64QAM	12	7	19.79	19.96	19.75		
5	64QAM	12	13	19.94	19.96	19.84		
5	64QAM	25	0	19.86	19.91	19.80		
5	256QAM	1	0	17.34	17.35	17.32	19	5
5	256QAM	1	12	17.27	17.28	17.21		
5	256QAM	1	24	17.27	17.29	17.23		
5	256QAM	12	0	17.30	17.38	17.28	19	5
5	256QAM	12	7	17.42	17.40	17.35		
5	256QAM	12	13	17.22	17.33	17.33		
5	256QAM	25	0	17.20	17.21	17.29		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.00	23.01	22.98	24	0
20	QPSK	1	49	22.96	22.93	22.91		
20	QPSK	1	99	22.91	22.87	22.90		
20	QPSK	50	0	22.93	22.94	22.91	24	0
20	QPSK	50	24	22.87	22.82	22.88		
20	QPSK	50	50	22.91	22.84	22.87		
20	QPSK	100	0	22.88	22.91	22.89		
20	16QAM	1	0	22.84	22.87	22.82	24	0
20	16QAM	1	49	22.90	22.85	22.77		
20	16QAM	1	99	22.82	22.89	22.90		
20	16QAM	50	0	22.39	22.31	22.39	23.5	0.5
20	16QAM	50	24	22.30	22.30	22.26		
20	16QAM	50	50	22.33	22.40	22.26		
20	16QAM	100	0	22.30	22.29	22.30		
20	64QAM	1	0	22.28	22.38	22.34	23.5	0.5
20	64QAM	1	49	22.32	22.35	22.38		
20	64QAM	1	99	22.40	22.30	22.40		
20	64QAM	50	0	21.33	21.34	21.32	22.5	1.5
20	64QAM	50	24	21.32	21.40	21.39		
20	64QAM	50	50	21.34	21.41	21.26		
20	64QAM	100	0	21.37	21.38	21.38		
20	256QAM	1	0	19.41	19.29	19.28	20.5	3.5
20	256QAM	1	49	19.33	19.38	19.26		
20	256QAM	1	99	19.32	19.40	19.35		
20	256QAM	50	0	19.30	19.36	19.38	20.5	3.5
20	256QAM	50	24	19.32	19.37	19.32		
20	256QAM	50	50	19.38	19.43	19.39		
20	256QAM	100	0	19.30	19.33	19.37		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	22.92	22.83	24	0
15	QPSK	1	37	22.91	22.78	22.90		
15	QPSK	1	74	22.81	22.75	22.82		
15	QPSK	36	0	22.84	22.83	22.89	24	0
15	QPSK	36	20	22.81	22.78	22.84		
15	QPSK	36	39	22.77	22.78	22.79		
15	QPSK	75	0	22.85	22.80	22.82		
15	16QAM	1	0	22.81	22.81	22.72	24	0
15	16QAM	1	37	22.77	22.74	22.70		
15	16QAM	1	74	22.81	22.83	22.76		
15	16QAM	36	0	22.35	22.22	22.27	23.5	0.5
15	16QAM	36	20	22.21	22.15	22.11		
15	16QAM	36	39	22.22	22.29	22.21		
15	16QAM	75	0	22.15	22.20	22.26		
15	64QAM	1	0	22.18	22.28	22.23	23.5	0.5
15	64QAM	1	37	22.21	22.31	22.35		
15	64QAM	1	74	22.30	22.17	22.34		
15	64QAM	36	0	21.27	21.22	21.17	22.5	1.5
15	64QAM	36	20	21.22	21.31	21.35		
15	64QAM	36	39	21.22	21.26	21.14		
15	64QAM	75	0	21.29	21.34	21.29		
15	256QAM	1	0	19.31	19.17	19.24	20.5	3.5
15	256QAM	1	37	19.29	19.28	19.20		
15	256QAM	1	74	19.22	19.29	19.25		
15	256QAM	36	0	19.23	19.31	19.37	20.5	3.5
15	256QAM	36	20	19.28	19.28	19.22		
15	256QAM	36	39	19.23	19.41	19.25		
15	256QAM	75	0	19.20	19.26	19.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.94	22.93	22.84	24	0
10	QPSK	1	25	22.86	22.88	22.81		
10	QPSK	1	49	22.85	22.86	22.79		
10	QPSK	25	0	22.81	22.79	22.77	24	0
10	QPSK	25	12	22.74	22.77	22.83		
10	QPSK	25	25	22.86	22.74	22.80		
10	QPSK	50	0	22.78	22.77	22.84		
10	16QAM	1	0	22.82	22.86	22.80	24	0
10	16QAM	1	25	22.75	22.82	22.66		
10	16QAM	1	49	22.76	22.82	22.87		
10	16QAM	25	0	22.29	22.27	22.37	23.5	0.5
10	16QAM	25	12	22.17	22.16	22.16		
10	16QAM	25	25	22.25	22.21	22.25		
10	16QAM	50	0	22.28	22.15	22.27		
10	64QAM	1	0	22.21	22.34	22.31	23.5	0.5
10	64QAM	1	25	22.24	22.28	22.35		
10	64QAM	1	49	22.35	22.29	22.34		
10	64QAM	25	0	21.30	21.18	21.25	22.5	1.5
10	64QAM	25	12	21.18	21.38	21.26		
10	64QAM	25	25	21.26	21.28	21.13		
10	64QAM	50	0	21.30	21.30	21.33		
10	256QAM	1	0	19.31	19.16	19.23	20.5	3.5
10	256QAM	1	25	19.18	19.31	19.11		
10	256QAM	1	49	19.31	19.33	19.22		
10	256QAM	25	0	19.23	19.26	19.25	20.5	3.5
10	256QAM	25	12	19.18	19.34	19.17		
10	256QAM	25	25	19.28	19.35	19.26		
10	256QAM	50	0	19.20	19.26	19.24		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.96	22.96	22.89	24	0
5	QPSK	1	12	22.88	22.78	22.81		
5	QPSK	1	24	22.76	22.78	22.86		
5	QPSK	12	0	22.81	22.92	22.77	24	0
5	QPSK	12	7	22.77	22.80	22.75		
5	QPSK	12	13	22.84	22.78	22.73		
5	16QAM	1	0	22.74	22.90	22.80	24	0
5	16QAM	1	12	22.70	22.74	22.71		
5	16QAM	1	24	22.79	22.76	22.87		
5	16QAM	12	0	22.34	22.22	22.37	23.5	0.5
5	16QAM	12	7	22.24	22.29	22.18		
5	16QAM	12	13	22.19	22.37	22.18		
5	16QAM	25	0	22.20	22.18	22.15		
5	64QAM	1	0	22.25	22.35	22.27	23.5	0.5
5	64QAM	1	12	22.21	22.32	22.27		
5	64QAM	1	24	22.27	22.26	22.27		
5	64QAM	12	0	21.29	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.27	21.27	21.28		
5	64QAM	12	13	21.25	21.39	21.24		
5	64QAM	25	0	21.25	21.28	21.37		
5	256QAM	1	0	19.35	19.26	19.20	20.5	3.5
5	256QAM	1	12	19.23	19.31	19.16		
5	256QAM	1	24	19.25	19.31	19.22		
5	256QAM	12	0	19.29	19.31	19.32	20.5	3.5
5	256QAM	12	7	19.18	19.32	19.20		
5	256QAM	12	13	19.33	19.39	19.27		
5	256QAM	25	0	19.27	19.29	19.36		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.01	23.04	22.99	24	0
20	QPSK	1	49	22.99	23.03	22.93		
20	QPSK	1	99	22.99	23.01	22.94		
20	QPSK	50	0	22.05	22.11	22.07	23	1
20	QPSK	50	24	22.02	22.08	22.00		
20	QPSK	50	50	22.03	22.09	22.06		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.16	22.17	22.13	23	1
20	16QAM	1	49	22.26	22.27	22.15		
20	16QAM	1	99	22.26	22.30	22.11		
20	16QAM	50	0	20.92	21.08	21.00	22	2
20	16QAM	50	24	21.03	21.09	20.99		
20	16QAM	50	50	21.07	21.04	20.95		
20	16QAM	100	0	20.97	21.04	20.95		
20	64QAM	1	0	21.12	21.14	21.07	22	2
20	64QAM	1	49	21.19	21.20	21.05		
20	64QAM	1	99	21.15	21.16	21.09		
20	64QAM	50	0	19.96	20.12	20.03	21	3
20	64QAM	50	24	19.98	20.02	19.94		
20	64QAM	50	50	20.07	20.02	19.95		
20	64QAM	100	0	19.99	20.04	19.96		
20	256QAM	1	0	17.52	17.62	17.50	19	5
20	256QAM	1	49	17.58	17.64	17.57		
20	256QAM	1	99	17.54	17.65	17.64		
20	256QAM	50	0	17.53	17.58	17.46	19	5
20	256QAM	50	24	17.50	17.56	17.52		
20	256QAM	50	50	17.61	17.63	17.52		
20	256QAM	100	0	17.39	17.50	17.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	22.95	22.90	24	0
15	QPSK	1	37	22.94	22.94	22.90		
15	QPSK	1	74	22.87	22.98	22.91		
15	QPSK	36	0	21.94	22.10	22.03	23	1
15	QPSK	36	20	21.95	22.04	21.94		
15	QPSK	36	39	21.98	21.99	21.87		
15	QPSK	75	0	22.00	21.94	21.89		
15	16QAM	1	0	22.13	22.13	22.11	23	1
15	16QAM	1	37	22.16	22.19	22.06		
15	16QAM	1	74	22.18	22.23	22.10		
15	16QAM	36	0	20.87	21.04	20.97	22	2
15	16QAM	36	20	20.99	21.02	20.87		
15	16QAM	36	39	21.03	20.96	20.87		
15	16QAM	75	0	20.91	20.95	20.85		
15	64QAM	1	0	21.02	21.07	20.98	22	2
15	64QAM	1	37	21.14	21.09	20.97		
15	64QAM	1	74	21.10	21.13	21.01		
15	64QAM	36	0	19.93	20.01	19.93	21	3
15	64QAM	36	20	19.93	19.96	19.88		
15	64QAM	36	39	20.05	19.95	19.86		
15	64QAM	75	0	19.97	19.95	19.93		
15	256QAM	1	0	17.48	17.50	17.42	19	5
15	256QAM	1	37	17.52	17.62	17.50		
15	256QAM	1	74	17.53	17.62	17.52		
15	256QAM	36	0	17.47	17.48	17.40	19	5
15	256QAM	36	20	17.48	17.54	17.41		
15	256QAM	36	39	17.52	17.58	17.52		
15	256QAM	75	0	17.37	17.45	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.98	23.02	22.87	24	0
10	QPSK	1	25	22.90	22.97	22.91		
10	QPSK	1	49	22.88	23.00	22.83		
10	QPSK	25	0	21.93	21.99	21.98	23	1
10	QPSK	25	12	22.00	22.05	21.93		
10	QPSK	25	25	21.98	21.99	21.86		
10	QPSK	50	0	21.90	21.95	21.87		
10	16QAM	1	0	22.07	22.11	22.12	23	1
10	16QAM	1	25	22.22	22.16	22.03		
10	16QAM	1	49	22.25	22.26	22.07		
10	16QAM	25	0	20.89	20.99	20.89	22	2
10	16QAM	25	12	21.02	21.03	20.87		
10	16QAM	25	25	21.00	20.98	20.94		
10	16QAM	50	0	20.86	20.92	20.94		
10	64QAM	1	0	21.07	21.04	21.03	22	2
10	64QAM	1	25	21.13	21.15	20.94		
10	64QAM	1	49	21.05	21.14	21.02		
10	64QAM	25	0	19.86	20.00	19.91	21	3
10	64QAM	25	12	19.94	19.93	19.82		
10	64QAM	25	25	20.03	19.91	19.84		
10	64QAM	50	0	19.98	19.94	19.90		
10	256QAM	1	0	17.47	17.56	17.58	19	5
10	256QAM	1	25	17.51	17.54	17.50		
10	256QAM	1	49	17.44	17.64	17.62		
10	256QAM	25	0	17.45	17.56	17.39	19	5
10	256QAM	25	12	17.41	17.54	17.44		
10	256QAM	25	25	17.58	17.57	17.48		
10	256QAM	50	0	17.29	17.48	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.01	22.97	24	0
5	QPSK	1	12	22.97	22.92	22.82		
5	QPSK	1	24	22.92	22.92	22.91		
5	QPSK	12	0	21.97	22.08	22.01	23	1
5	QPSK	12	7	22.00	21.97	21.86		
5	QPSK	12	13	22.01	22.07	21.88		
5	QPSK	25	0	21.94	21.97	21.87		
5	16QAM	1	0	22.13	22.16	22.05	23	1
5	16QAM	1	12	22.18	22.22	22.04		
5	16QAM	1	24	22.20	22.23	22.02		
5	16QAM	12	0	20.80	20.98	20.92	22	2
5	16QAM	12	7	20.95	21.08	20.96		
5	16QAM	12	13	20.98	20.98	20.92		
5	16QAM	25	0	20.94	20.99	20.93		
5	64QAM	1	0	21.08	21.12	20.99	22	2
5	64QAM	1	12	21.14	21.10	20.97		
5	64QAM	1	24	21.16	21.22	22.04		
5	64QAM	12	0	19.92	20.07	20.01	21	3
5	64QAM	12	7	19.87	19.91	19.83		
5	64QAM	12	13	20.03	20.00	19.85		
5	64QAM	25	0	19.94	20.00	19.94		
5	256QAM	1	0	17.47	17.53	17.38	19	5
5	256QAM	1	12	17.52	17.54	17.56		
5	256QAM	1	24	17.42	17.57	17.52		
5	256QAM	12	0	17.51	17.51	17.39	19	5
5	256QAM	12	7	17.42	17.52	17.47		
5	256QAM	12	13	17.56	17.57	17.50		
5	256QAM	25	0	17.32	17.45	17.36		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.99	21.05	21.00	22	0
20	QPSK	1	49	20.97	21.00	20.98		
20	QPSK	1	99	20.96	20.99	20.96		
20	QPSK	50	0	20.80	20.87	20.83	22	0
20	QPSK	50	24	20.79	20.81	20.78		
20	QPSK	50	50	20.76	20.85	20.81		
20	QPSK	100	0	20.74	20.85	20.83		
20	16QAM	1	0	21.00	21.01	20.92	22	0
20	16QAM	1	49	20.96	20.98	20.94		
20	16QAM	1	99	21.04	21.00	20.98		
20	16QAM	50	0	20.73	20.89	20.92	22	0
20	16QAM	50	24	20.74	20.87	20.89		
20	16QAM	50	50	20.85	20.90	20.92		
20	16QAM	100	0	20.72	20.83	20.87		
20

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.65	24.69	24.66	25.5	0
15	QPSK	1	37	24.64	24.67	24.61		
15	QPSK	1	74	24.58	24.62	24.64		
15	QPSK	36	0	23.62	23.66	23.61	24.5	1
15	QPSK	36	20	23.60	23.62	23.60		
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87	24.5	1
15	16QAM	1	37	23.79	23.87	23.91		
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74	23.5	2
15	16QAM	36	20	22.57	22.59	22.68		
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79	23.5	2
15	64QAM	1	37	22.71	22.78	22.83		
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72	22.5	3
15	64QAM	36	20	21.56	21.57	21.69		
15	64QAM	36	39	21.57	21.62	21.62		
15	64QAM	75	0	21.52	21.56	21.70		
15	256QAM	1	0	19.60	19.62	19.60	20.5	5
15	256QAM	1	37	19.52	19.58	19.49		
15	256QAM	1	74	19.61	19.62	19.60		
15	256QAM	36	0	19.50	19.57	19.55	20.5	5
15	256QAM	36	20	19.51	19.57	19.54		
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.63	24.58	24.56	25.5	0
10	QPSK	1	25	24.52	24.65	24.50		
10	QPSK	1	49	24.48	24.56	24.56		
10	QPSK	25	0	23.58	23.62	23.56	24.5	1
10	QPSK	25	12	23.51	23.58	23.57		
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.53	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81	24.5	1
10	16QAM	1	25	23.71	23.84	23.85		
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65	23.5	2
10	16QAM	25	12	22.52	22.48	22.58		
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.58	22.61	22.77	23.5	2
10	64QAM	1	25	22.62	22.71	22.78		
10	64QAM	1	49	22.64	22.72	22.78		
10	64QAM	25	0	21.47	21.47	21.70	22.5	3
10	64QAM	25	12	21.49	21.47	21.58		
10	64QAM	25	25	21.55	21.54	21.59		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52	20.5	5
10	256QAM	1	25	19.43	19.49	19.48		
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49	20.5	5
10	256QAM	25	12	19.44	19.48	19.47		
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.53	24.64	24.59	25.5	0
5	QPSK	1	12	24.54	24.57	24.52		
5	QPSK	1	24	24.46	24.58	24.53		
5	QPSK	12	0	23.53	23.62	23.57	24.5	1
5	QPSK	12	7	23.57	23.53	23.56		
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84	24.5	1
5	16QAM	1	12	23.71	23.85	23.81		
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72	23.5	2
5	16QAM	12	7	22.47	22.50	22.57		
5	16QAM	12	13	22.46	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.62	22.63	22.67	23.5	2
5	64QAM	1	12	22.67	22.67	22.80		
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69	22.5	3
5	64QAM	12	7	21.52	21.46	21.57		
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59	20.5	5
5	256QAM	1	12	19.51	19.49	19.39		
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49	20.5	5
5	256QAM	12	7	19.49	19.50	19.49		
5	256QAM	12	13	19.45	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.58	24.67	24.56	25.5	0
3	QPSK	1	8	24.62	24.55	24.59		
3	QPSK	1	14	24.46	24.54	24.59		
3	QPSK	8	0	23.55	23.56	23.60	24.5	1
3	QPSK	8	4	23.50	23.53	23.52		
3	QPSK	8	7	23.53	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83	24.5	1
3	16QAM	1	8	23.69	23.82	23.82		
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68	23.5	2
3	16QAM	8	4	22.53	22.51	22.62		
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.62	22.70	22.71	23.5	2
3	64QAM	1	8	22.66	22.71	22.82		
3	64QAM	1	14	22.65	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71	22.5	3
3	64QAM	8	4	21.48	21.53	21.58		
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52	20.5	5
3	256QAM	1	8	19.49	19.53	19.40		
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51	20.5	5
3	256QAM	8	4	19.46	19.47	19.51		
3	256QAM	8	7	19.48	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.62	24.62	24.63	25.5	0
1.4	QPSK	1	3	24.61	24.58	24.52		
1.4	QPSK	1	5	24.47	24.61	24.63		
1.4	QPSK	3	0	24.53	24.60	24.51		
1.4	QPSK	3	1	24.58	24.56	24.46		
1.4	QPSK	3	3	24.39	24.57	24.52		
1.4	QPSK	6	0	23.55	23.54	23.53	24.5	1
1.4	16QAM	1	0	23.69	23.71	23.81	24.5	1
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.82	23.75	23.86		
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.48	22.55	22.67	23.5	2
1.4	64QAM	1	0	22.58	22.68	22.67	23.5	2
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71		
1.4	64QAM	3	0	22.56	22.61	22.57		
1.4	64QAM	3	1	22.62	22.73	22.66		
1.4	64QAM	3	3	22.67	22.66	22.59		
1.4	64QAM	6	0	21.43	21.53	21.59	22.5	3
1.4	256QAM	1	0	19.51	19.52	19.53	20.5	5
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50		
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.71	23.82	23.78	25.5	0
15	QPSK	1	37	23.68	23.75	23.76		
15	QPSK	1	74	23.64	23.71	23.71		
15	QPSK	36	0	22.65	22.81	22.78	24.5	1
15	QPSK	36	20	22.56	22.67	22.71		
15	QPSK	36	39	22.59	22.73	22.69		
15	QPSK	75	0	22.62	22.74	22.70		
15	16QAM	1	0	22.79	22.89	22.99	24.5	1
15	16QAM	1	37	22.86	22.96	23.01		
15	16QAM	1	74	22.90	22.97	23.00		
15	16QAM	36	0	21.58	21.64	21.80	23.5	2
15	16QAM	36	20	21.63	21.67	21.76		
15	16QAM	36	39	21.59	21.69	21.72		
15	16QAM	75	0	21.58	21.68	21.76		
15	64QAM	1	0	21.66	21.74	21.83	23.5	2
15	64QAM	1	37	21.76	21.86	21.89		
15	64QAM	1	74	21.77	21.86	21.88		
15	64QAM	36	0	20.55	20.66	20.72	22.5	3
15	64QAM	36	20	20.62	20.65	20.76		
15	64QAM	36	39	20.64	20.71	20.69		
15	64QAM	75	0	20.55	20.69	20.73		
15	256QAM	1	0	18.68	18.74	18.65	20.5	5
15	256QAM	1	37	18.70	18.75	18.72		
15	256QAM	1	74	18.68	18.75	18.64		
15	256QAM	36	0	18.59	18.69	18.68	20.5	5
15	256QAM	36	20	18.52	18.62	18.58		
15	256QAM	36	39	18.51	18.60	18.53		
15	256QAM	75	0	18.53	18.62	18.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.70	23.75	23.66	25.5	0
10	QPSK	1	25	23.56	23.66	23.74		
10	QPSK	1	49	23.54	23.69	23.62		
10	QPSK	25	0	22.58	22.73	22.75	24.5	1
10	QPSK	25	12	22.87	22.58	22.59		
10	QPSK	25	25	22.53	22.63	22.66		
10	QPSK	50	0	22.56	22.72	22.63		
10	16QAM	1	0	22.68	22.82	22.92	24.5	1
10	16QAM	1	25	22.76	22.91	22.96		
10	16QAM	1	49	22.81	22.85	22.97		
10	16QAM	25	0	21.53	21.60	21.77	23.5	2
10	16QAM	25	12	21.62	21.59	21.74		
10	16QAM	25	25	21.57	21.65	21.69		
10	16QAM	50	0	21.86	21.65	21.71		
10	64QAM	1	0	21.64	21.64	21.78	23.5	2
10	64QAM	1	25	21.68	21.74	21.77		
10	64QAM	1	49	21.68	21.81	21.81		
10	64QAM	25	0	20.86	20.59	20.61	22.5	3
10	64QAM	25	12	20.50	20.58	20.71		
10	64QAM	25	25	20.52	20.68	20.64		
10	64QAM	50	0	20.86	20.57	20.65		
10	256QAM	1	0	18.65	18.64	18.55	20.5	5
10	256QAM	1	25	18.60	18.69	18.60		
10	256QAM	1	49	18.63	18.64	18.59		
10	256QAM	25	0	18.56	18.57	18.62	20.5	5
10	256QAM	25	12	18.83	18.56	18.52		
10	256QAM	25	25	18.85	18.88	18.50		
10	256QAM	50	0	18.87	18.55	18.87		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.69	23.71	23.67	25.5	0
5	QPSK	1	12	23.63	23.67	23.71		
5	QPSK	1	24	23.58	23.64	23.60		
5	QPSK	12	0	22.61	22.77	22.66	24.5	1
5	QPSK	12	7	22.85	22.61	22.69		
5	QPSK	12	13	22.88	22.70	22.63		
5	QPSK	25	0	22.56	22.62	22.68		
5	16QAM	1	0	22.72	22.77	22.96	24.5	1
5	16QAM	1	12	22.75	22.88	23.00		
5	16QAM	1	24	22.81	22.94	22.96		
5	16QAM	12	0	21.50	21.55	21.69	23.5	2
5	16QAM	12	7	21.56	21.60	21.72		
5	16QAM	12	13	21.87	21.67	21.62		
5	16QAM	25	0	21.53	21.62	21.73		
5	64QAM	1	0	21.64	21.72	21.71	23.5	2
5	64QAM	1	12	21.72	21.84	21.87		
5	64QAM	1	24	21.69	21.85	21.83		
5	64QAM	12	0	20.50	20.59	20.61	22.5	3
5	64QAM	12	7	20.57	20.59	20.75		
5	64QAM	12	13	20.57	20.68	20.67		
5	64QAM	25	0	20.84	20.57	20.61		
5	256QAM	1	0	18.65	18.73	18.53	20.5	5
5	256QAM	1	12	18.65	18.69	18.66		
5	256QAM	1	24	18.60	18.74	18.53		
5	256QAM	12	0	18.87	18.60	18.57	20.5	5
5	256QAM	12	7	18.51	18.58	18.86		
5	256QAM	12	13	18.89	18.59	18.84		
5	256QAM	25	0	18.83	18.50	18.79		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.64	23.73	23.68	25.5	0
3	QPSK	1	8	23.66	23.66	23.64		
3	QPSK	1	14	23.55	23.61	23.67		
3	QPSK	8	0	22.63	22.78	22.74	24.5	1
3	QPSK	8	4	22.54	22.64	22.63		
3	QPSK	8	7	22.52	22.70	22.58		
3	QPSK	15	0	22.60	22.64	22.61		
3	16QAM	1	0	22.67	22.77	22.95	24.5	1
3	16QAM	1	8	22.83	22.95	22.95		
3	16QAM	1	14	22.85	22.96	22.99		
3	16QAM	8	0	21.50	21.62	21.77	23.5	2
3	16QAM	8	4	21.61	21.62	21.72		
3	16QAM	8	7	21.55	21.66	21.61		
3	16QAM	15	0	21.50	21.58	21.65		
3	64QAM	1	0	21.64	21.73	21.79	23.5	2
3	64QAM	1	8	21.74	21.78	21.82		
3	64QAM	1	14	21.67	21.74	21.83		
3	64QAM	8	0	20.88	20.61	20.65	22.5	3
3	64QAM	8	4	20.56	20.58	20.65		
3	64QAM	8	7	20.60	20.63	20.66		
3	64QAM	15	0	20.53	20.58	20.72		
3	256QAM	1	0	18.59	18.62	18.56	20.5	5
3	256QAM	1	8	18.67	18.63	18.69		
3	256QAM	1	14	18.67	18.67	18.61		
3	256QAM	8	0	18.54	18.63	18.67	20.5	5
3	256QAM	8	4	18.84	18.61	18.57		
3	256QAM	8	7	18.80	18.57	18.52		
3	256QAM	15	0	18.86	18.55	18.87		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.66	23.71	23.71	25.5	0
1.4	QPSK	1	3	23.59	23.64	23.66		
1.4	QPSK	1	5	23.57	23.66	23.62		
1.4	QPSK	3	0	23.65	23.70	23.68		
1.4	QPSK	3	1	23.56	23.53	23.65		
1.4	QPSK	3	3	23.51	23.56	23.55		
1.4	QPSK	6	0	22.55	22.73	22.65	24.5	1
1.4	16QAM	1	0	22.72	22.82	22.91	24.5	1
1.4	16QAM	1	3	22.80	22.90	22.93		
1.4	16QAM	1	5	22.83	22.91	22.91		
1.4	16QAM	3	0	22.62	22.72	22.81		
1.4	16QAM	3	1	22.75	22.86	22.92		
1.4	16QAM	3	3	22.73	22.81	22.86		
1.4	16QAM	6	0	21.56	21.64	21.66	23.5	2
1.4	64QAM	1	0	21.63	21.68	21.80	23.5	2
1.4	64QAM	1	3	21.73	21.79	21.78		
1.4	64QAM	1	5	21.72	21.83	21.81		
1.4	64QAM	3	0	21.55	21.64	21.70		
1.4	64QAM	3	1	21.71	21.70	21.72		
1.4	64QAM	3	3	21.69	21.80	21.71		
1.4	64QAM	6	0	20.51	20.57	20.71	22.5	3
1.4	256QAM	1	0	18.62	18.69	18.60	20.5	5
1.4	256QAM	1	3	18.64	18.65	18.64		
1.4	256QAM	1	5	18.56	18.65	18.58		
1.4	256QAM	3	0	18.51	18.60	18.59		
1.4	256QAM	3	1	18.50	18.54	18.88		
1.4	256QAM	3	3	18.83	18.89	18.83		
1.4	256QAM	6	0	18.87	18.54	18.81	20.5	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.61	20.67	20.65	22	0
20	QPSK	1	49	20.41	20.58	20.60		
20	QPSK	1	99	20.55	20.64	20.55		
20	QPSK	50	0	20.63	20.65	20.61	22	0
20	QPSK	50	24	20.57	20.60	20.55		
20	QPSK	50	50	20.55	20.64	20.58		
20	QPSK	100	0	20.51	20.63	20.61		
20	16QAM	1	0	20.62	20.60	20.64	22	0
20	16QAM	1	49	20.57	20.59	20.59		
20	16QAM	1	99	20.60	20.62	20.57		
20	16QAM	50	0	20.54	20.61	20.65	22	0
20	16QAM	50	24	20.54	20.60	20.60		
20	16QAM	50	50	20.64	20.60	20.64		
20	16QAM	100	0	20.52	20.61	20.62		
20	64QAM	1	0	20.56	20.58	20.65	22	0
20	64QAM	1	49	20.63	20.63	20.63		
20	64QAM	1	99	20.57	20.61	20.65		
20	64QAM	50	0	19.53	19.71	19.87	21	1
20	64QAM	50	24	19.55	19.66	19.61		
20	64QAM	50	50	19.56	19.58	19.55		
20	64QAM	100	0	19.60	19.67	19.74		
20	256QAM	1	0	17.35	17.44	17.35	19	3
20	256QAM	1	49	17.49	17.49	17.48		
20	256QAM	1	99	17.53	17.50	17.48		
20	256QAM	50	0	17.38	17.44	17.30	19	3
20	256QAM	50	24	17.35	17.41	17.42		
20	256QAM	50	50	17.30	17.46	17.38		
20	256QAM	100	0	17.24	17.40	17.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.59	20.56	20.61	22	0
15	QPSK	1	37	20.37	20.54	20.55		
15	QPSK	1	74	20.47	20.62	20.50		
15	QPSK	36	0	20.59	20.60	20.51	22	0
15	QPSK	36	20	20.51	20.55	20.53		
15	QPSK	36	39	20.46	20.60	20.48		
15	QPSK	75	0	20.49	20.54	20.52		
15	16QAM	1	0	20.52	20.49	20.57	22	0
15	16QAM	1	37	20.55	20.56	20.52		
15	16QAM	1	74	20.48	20.55	20.53		
15	16QAM	36	0	20.51	20.50	20.55	22	0
15	16QAM	36	20	20.47	20.55	20.49		
15	16QAM	36	39	20.53	20.48	20.54		
15	16QAM	75	0	20.47	20.54	20.52		
15	64QAM	1	0	20.44	20.53	20.53	22	0
15	64QAM	1	37	20.59	20.55	20.55		
15	64QAM	1	74	20.55	20.51	20.60		
15	64QAM	36	0	19.47	19.59	19.85	21	1
15	64QAM	36	20	19.47	19.59	19.51		
15	64QAM	36	39	19.52	19.55	19.47		
15	64QAM	75	0	19.55	19.56	19.69		
15	256QAM	1	0	17.27	17.41	17.30	19	3
15	256QAM	1	37	17.42	17.37	17.45		
15	256QAM	1	74	17.43	17.39	17.38		
15	256QAM	36	0	17.35	17.36	17.18	19	3
15	256QAM	36	20	17.30	17.38	17.30		
15	256QAM	36	39	17.25	17.42	17.33		
15	256QAM	75	0	17.18	17.38	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.56	20.60	20.54	22	0
10	QPSK	1	25	20.33	20.54	20.54		
10	QPSK	1	49	20.49	20.60	20.51		
10	QPSK	25	0	20.55	20.59	20.49	22	0
10	QPSK	25	12	20.48	20.49	20.49		
10	QPSK	25	25	20.53	20.62	20.53		
10	QPSK	50	0	20.45	20.52	20.51		
10	16QAM	1	0	20.52	20.52	20.61	22	0
10	16QAM	1	25	20.45	20.53	20.57		
10	16QAM	1	49	20.48	20.52	20.54		
10	16QAM	25	0	20.50	20.57	20.58	22	0
10	16QAM	25	12	20.49	20.49	20.55		
10	16QAM	25	25	20.55	20.50	20.58		
10	16QAM	50	0	20.42	20.57	20.60		
10	64QAM	1	0	20.54	20.51	20.60	22	0
10	64QAM	1	25	20.53	20.56	20.61		
10	64QAM	1	49	20.45	20.51	20.62		
10	64QAM	25	0	19.42	19.59	19.82	21	1
10	64QAM	25	12	19.51	19.55	19.54		
10	64QAM	25	25	19.54	19.47	19.49		
10	64QAM	50	0	19.52	19.58	19.71		
10	256QAM	1	0	17.28	17.33	17.26	19	3
10	256QAM	1	25	17.41	17.37	17.43		
10	256QAM	1	49	17.47	17.42	17.36		
10	256QAM	25	0	17.27	17.37	17.25	19	3
10	256QAM	25	12	17.23	17.34	17.38		
10	256QAM	25	25	17.22	17.40	17.34		
10	256QAM	50	0	17.15	17.28	17.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.58	20.56	20.55	22	0
5	QPSK	1	12	20.37	20.51	20.52		
5	QPSK	1	24	20.45	20.57	20.53		
5	QPSK	12	0	20.53	20.56	20.49	22	0
5	QPSK	12	7	20.53	20.55	20.46		
5	QPSK	12	13	20.44	20.57	20.55		
5	QPSK	25	0	20.45	20.56	20.57		
5	16QAM	1	0	20.59	20.49	20.60	22	0
5	16QAM	1	12	20.49	20.48	20.55		
5	16QAM	1	24	20.53	20.60	20.48		
5	16QAM	12	0	20.46	20.58	20.53	22	0
5	16QAM	12	7	20.49	20.56	20.53		
5	16QAM	12	13	20.55	20.56	20.61		
5	16QAM	25	0	20.48	20.53	20.57		
5	64QAM	1	0	20.47	20.53	20.53	22	0
5	64QAM	1	12	20.57	20.53	20.61		
5	64QAM	1	24	20.51	20.59	20.57		
5	64QAM	12	0	19.50	19.63	19.75	21	1
5	64QAM	12	7	19.46	19.64	19.58		
5	64QAM	12	13	19.54	19.54	19.53		
5	64QAM	25	0	19.52	19.62	19.62		
5	256QAM	1	0	17.23	17.32	17.31	19	3
5	256QAM	1	12	17.43	17.42	17.36		
5	256QAM	1	24	17.50	17.48	17.46		
5	256QAM	12	0	17.32	17.34	17.24	19	3
5	256QAM	12	7	17.27	17.37	17.35		
5	256QAM	12	13	17.22	17.44	17.27		
5	256QAM	25	0	17.22	17.28	17.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.49	20.57	20.63	22	0
3	QPSK	1	8	20.37	20.50	20.52		
3	QPSK	1	14	20.47	20.54	20.48		
3	QPSK	8	0	20.51	20.56	20.50	22	0
3	QPSK	8	4	20.53	20.53	20.53		
3	QPSK	8	7	20.53	20.56	20.52		
3	QPSK	15	0	20.46	20.58	20.57		
3	16QAM	1	0	20.52	20.56	20.52	22	0
3	16QAM	1	8	20.54	20.47	20.56		
3	16QAM	1	14	20.49	20.52	20.49		
3	16QAM	8	0	20.47	20.57	20.53	22	0
3	16QAM	8	4	20.52	20.55	20.51		
3	16QAM	8	7	20.54	20.51	20.57		
3	16QAM	15	0	20.47	20.53	20.57		
3	64QAM	1	0	20.49	20.46	20.58	22	0
3	64QAM	1	8	20.58	20.57	20.51		
3	64QAM	1	14	20.51	20.59	20.62		
3	64QAM	8	0	19.41	19.66	19.75	21	1
3	64QAM	8	4	19.53	19.55	19.51		
3	64QAM	8	7	19.44	19.55	19.43		
3	64QAM	15	0	19.51	19.55	19.62		
3	256QAM	1	0	17.25	17.39	17.29	19	3
3	256QAM	1	8	17.44	17.47	17.43		
3	256QAM	1	14	17.51	17.41	17.36		
3	256QAM	8	0	17.36	17.37	17.25	19	3
3	256QAM	8	4	17.25	17.30	17.32		
3	256QAM	8	7	17.18	17.44	17.33		
3	256QAM	15	0	17.15	17.28	17.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.57	20.64	20.53	22	0
1.4	QPSK	1	3	20.39	20.49	20.50		
1.4	QPSK	1	5	20.44	20.54	20.46		
1.4	QPSK	3	0	20.61	20.59	20.52		
1.4	QPSK	3	1	20.49	20.50	20.51		
1.4	QPSK	3	3	20.51	20.57	20.55		
1.4	QPSK	6	0	20.46	20.53	20.52	22	0
1.4	16QAM	1	0	20.59	20.54	20.56	22	0
1.4	16QAM	1	3	20.51	20.51	20.55		
1.4	16QAM	1	5	20.54	20.59	20.53		
1.4	16QAM	3	0	20.49	20.58	20.63		
1.4	16QAM	3	1	20.44	20.52	20.57		
1.4	16QAM	3	3	20.55	20.53	20.55		
1.4	16QAM	6	0	20.41	20.58	20.60	22	0
1.4	64QAM	1	0	20.47	20.48	20.53	22	0
1.4	64QAM	1	3	20.58	20.51	20.53		
1.4	64QAM	1	5	20.54	20.54	20.63		
1.4	64QAM	3	0	20.47	20.43	20.54		
1.4	64QAM	3	1	20.61	20.55	20.56		
1.4	64QAM	3	3	20.56	20.57	20.64		
1.4	64QAM	6	0	19.53	19.56	19.63	21	1
1.4	256QAM	1	0	17.23	17.32	17.26	19	3
1.4	256QAM	1	3	17.41	17.41	17.36		
1.4	256QAM	1	5	17.42	17.39	17.46		
1.4	256QAM	3	0	17.29	17.38	17.23		
1.4	256QAM	3	1	17.33	17.29	17.32		
1.4	256QAM	3	3	17.24	17.36	17.32		
1.4	256QAM	6	0	17.17	17.35	17.23	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.92	23.07	23.01	24.5	0
20	QPSK	1	49	22.81	23.05	22.98		
20	QPSK	1	99	22.91	23.05	22.95		
20	QPSK	50	0	22.91	23.01	22.90	24.5	0
20	QPSK	50	24	22.89	22.97	22.81		
20	QPSK	50	50	22.81	22.90	22.81		
20	QPSK	100	0	22.89	22.98	22.84		
20	16QAM	1	0	22.85	22.86	22.89	24.5	0
20	16QAM	1	49	22.78	22.99	22.80		
20	16QAM	1	99	22.79	22.96	22.87		
20	16QAM	50	0	21.80	21.95	21.77	23.5	1
20	16QAM	50	24	21.86	21.86	21.84		
20	16QAM	50	50	21.82	21.89	21.75		
20	16QAM	100	0	21.80	21.87	21.87		
20	64QAM	1	0	21.76	21.90	21.82	23.5	1
20	64QAM	1	49	21.83	21.92	21.84		
20	64QAM	1	99	21.89	21.91	21.76		
20	64QAM	50	0	20.82	20.90	20.79	22.5	2
20	64QAM	50	24	20.79	20.99	20.81		
20	64QAM	50	50	20.83	20.94	20.80		
20	64QAM	100	0	20.79	20.98	20.87		
20	256QAM	1	0	18.86	18.91	18.83	20.5	4
20	256QAM	1	49	18.78	18.97	18.78		
20	256QAM	1	99	18.83	18.87	18.82		
20	256QAM	50	0	18.81	18.88	18.84	20.5	4
20	256QAM	50	24	18.81	18.99	18.80		
20	256QAM	50	50	18.84	19.00	18.86		
20	256QAM	100	0	18.81	18.91	18.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.79	22.97	22.87	24.5	0
15	QPSK	1	37	22.72	23.01	22.85		
15	QPSK	1	74	22.84	22.97	22.83		
15	QPSK	36	0	22.89	22.95	22.81	24.5	0
15	QPSK	36	20	22.86	22.86	22.77		
15	QPSK	36	39	22.69	22.88	22.68		
15	QPSK	75	0	22.75	22.85	22.72		
15	16QAM	1	0	22.80	22.83	22.87	24.5	0
15	16QAM	1	37	22.68	22.90	22.75		
15	16QAM	1	74	22.68	22.91	22.74		
15	16QAM	36	0	21.74	21.86	21.73	23.5	1
15	16QAM	36	20	21.81	21.85	21.82		
15	16QAM	36	39	21.69	21.76	21.66		
15	16QAM	75	0	21.65	21.72	21.74		
15	64QAM	1	0	21.72	21.86	21.70	23.5	1
15	64QAM	1	37	21.78	21.82	21.73		
15	64QAM	1	74	21.75	21.84	21.68		
15	64QAM	36	0	20.73	20.75	20.68	22.5	2
15	64QAM	36	20	20.67	20.88	20.66		
15	64QAM	36	39	20.82	20.87	20.68		
15	64QAM	75	0	20.64	20.97	20.79		
15	256QAM	1	0	18.72	18.78	18.77	20.5	4
15	256QAM	1	37	18.68	18.91	18.64		
15	256QAM	1	74	18.74	18.82	18.80		
15	256QAM	36	0	18.71	18.77	18.69	20.5	4
15	256QAM	36	20	18.66	18.94	18.67		
15	256QAM	36	39	18.81	18.89	18.76		
15	256QAM	75	0	18.76	18.85	18.86		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.80	23.02	22.93	24.5	0
10	QPSK	1	25	22.71	22.91	22.89		
10	QPSK	1	49	22.86	23.01	22.89		
10	QPSK	25	0	22.81	22.93	22.86	24.5	0
10	QPSK	25	12	22.78	22.84	22.80		
10	QPSK	25	25	22.68	22.85	22.67		
10	QPSK	50	0	22.88	22.89	22.73		
10	16QAM	1	0	22.83	22.71	22.77	24.5	0
10	16QAM	1	25	22.64	22.87	22.72		
10	16QAM	1	49	22.64	22.89	22.78		
10	16QAM	25	0	21.70	21.89	21.74	23.5	1
10	16QAM	25	12	21.79	21.75	21.72		
10	16QAM	25	25	21.76	21.81	21.73		
10	16QAM	50	0	21.71	21.81	21.75		
10	64QAM	1	0	21.73	21.86	21.75	23.5	1
10	64QAM	1	25	21.77	21.88	21.74		
10	64QAM	1	49	21.82	21.88	21.73		
10	64QAM	25	0	20.76	20.81	20.64	22.5	2
10	64QAM	25	12	20.70	20.94	20.76		
10	64QAM	25	25	20.71	20.83	20.70		
10	64QAM	50	0	20.73	20.84	20.78		
10	256QAM	1	0	18.75	18.81	18.73	20.5	4
10	256QAM	1	25	18.72	18.90	18.65		
10	256QAM	1	49	18.78	18.80	18.69		
10	256QAM	25	0	18.75	18.84	18.74	20.5	4
10	256QAM	25	12	18.68	18.92	18.66		
10	256QAM	25	25	18.81	18.94	18.84		
10	256QAM	50	0	18.80	18.83	18.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.83	23.01	23.00	24.5	0
5	QPSK	1	12	22.73	22.92	22.86		
5	QPSK	1	24	22.89	22.96	22.85		
5	QPSK	12	0	22.82	22.96	22.89	24.5	0
5	QPSK	12	7	22.84	22.88	22.67		
5	QPSK	12	13	22.68	22.88	22.67		
5	QPSK	25	0	22.84	22.92	22.75		
5	16QAM	1	0	22.79	22.76	22.80	24.5	0
5	16QAM	1	12	22.70	22.86	22.66		
5	16QAM	1	24	22.75	22.93	22.75		
5	16QAM	12	0	21.65	21.90	21.69	23.5	1
5	16QAM	12	7	21.85	21.81	21.77		
5	16QAM	12	13	21.67	21.87	21.69		
5	16QAM	25	0	21.65	21.81	21.84		
5	64QAM	1	0	21.65	21.80	21.80	23.5	1
5	64QAM	1	12	21.71	21.89	21.79		
5	64QAM	1	24	21.79	21.78	21.70		
5	64QAM	12	0	20.73	20.75	20.70	22.5	2
5	64QAM	12	7	20.70	20.90	20.78		
5	64QAM	12	13	20.69	20.82	20.69		
5	64QAM	25	0	20.67	20.83	20.83		
5	256QAM	1	0	18.72	18.87	18.80	20.5	4
5	256QAM	1	12	18.73	18.92	18.64		
5	256QAM	1	24	18.68	18.74	18.72		
5	256QAM	12	0	18.67	18.79	18.73	20.5	4
5	256QAM	12	7	18.73	18.98	18.71		
5	256QAM	12	13	18.71	18.85	18.75		
5	256QAM	25	0	18.76	18.77	18.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.80	23.03	23.00	24.5	0
3	QPSK	1	8	22.77	23.00	22.96		
3	QPSK	1	14	22.90	22.93	22.82		
3	QPSK	8	0	22.85	22.86	22.76	24.5	0
3	QPSK	8	4	22.75	22.82	22.75		
3	QPSK	8	7	22.76	22.84	22.73		
3	QPSK	15	0	22.85	22.96	22.73		
3	16QAM	1	0	22.73	22.73	22.85	24.5	0
3	16QAM	1	8	22.74	22.96	22.79		
3	16QAM	1	14	22.70	22.87	22.82		
3	16QAM	8	0	21.73	21.85	21.71	23.5	1
3	16QAM	8	4	21.76	21.85	21.81		
3	16QAM	8	7	21.68	21.75	21.71		
3	16QAM	15	0	21.69	21.79	21.74		
3	64QAM	1	0	21.64	21.79	21.80	23.5	1
3	64QAM	1	8	21.68	21.80	21.79		
3	64QAM	1	14	21.87	21.81	21.72		
3	64QAM	8	0	20.79	20.78	20.64	22.5	2
3	64QAM	8	4	20.76	20.91	20.78		
3	64QAM	8	7	20.72	20.91	20.69		
3	64QAM	15	0	20.64	20.93	20.84		
3	256QAM	1	0	18.85	18.87	18.82	20.5	4
3	256QAM	1	8	18.70	18.92	18.74		
3	256QAM	1	14	18.74	18.84	18.73		
3	256QAM	8	0	18.76	18.73	18.74	20.5	4
3	256QAM	8	4	18.69	18.93	18.72		
3	256QAM	8	7	18.71	18.95	18.85		
3	256QAM	15	0	18.67	18.80	18.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.80	23.05	22.96	24.5	0
1.4	QPSK	1	3	22.70	22.93	22.91		
1.4	QPSK	1	5	22.90	23.01	22.87		
1.4	QPSK	3	0	22.81	22.90	22.85		
1.4	QPSK	3	1	22.79	22.84	22.70		
1.4	QPSK	3	3	22.69	22.87	22.77		
1.4	QPSK	6	0	22.77	22.90	22.83	24.5	0
1.4	16QAM	1	0	22.71	22.72	22.76	24.5	0
1.4	16QAM	1	3	22.77	22.95	22.73		
1.4	16QAM	1	5	22.77	22.86	22.80		
1.4	16QAM	3	0	22.74	22.81	22.66		
1.4	16QAM	3	1	22.63	22.85	22.76		
1.4	16QAM	3	3	22.74	22.80	22.78		
1.4	16QAM	6	0	21.74	21.84	21.77	23.5	1
1.4	64QAM	1	0	21.73	21.83	21.67	23.5	1
1.4	64QAM	1	3	21.78	21.82	21.78		
1.4	64QAM	1	5	21.75	21.77	21.64		
1.4	64QAM	3	0	21.71	21.68	21.57		
1.4	64QAM	3	1	21.68	21.67	21.56		
1.4	64QAM	3	3	21.73	21.73	21.60		
1.4	64QAM	6	0	20.76	20.93	20.76	22.5	2
1.4	256QAM	1	0	18.84	18.79	18.69	20.5	4
1.4	256QAM	1	3	18.72	18.88	18.74		
1.4	256QAM	1	5	18.73	18.78	18.74		
1.4	256QAM	3	0	18.78	18.76	18.71		
1.4	256QAM	3	1	18.72	18.88	18.76		
1.4	256QAM	3	3	18.81	18.87	18.81		
1.4	256QAM	6	0	18.68	18.81	18.83	20.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.95	22.15	22.11	23.5	0
20	QPSK	1	49	21.91	22.12	22.08		
20	QPSK	1	99	21.80	22.06	22.01		
20	QPSK	50	0	21.02	21.25	21.15	22.5	1
20	QPSK	50	24	20.88	21.11	21.14		
20	QPSK	50	50	20.89	21.09	21.14		
20	QPSK	100	0	20.88	21.17	21.16		
20	16QAM	1	0	21.02	21.36	21.40	22.5	1
20	16QAM	1	49	21.15	21.34	21.35		
20	16QAM	1	99	21.91	21.20	21.26		
20	16QAM	50	0	19.87	20.07	20.23	21.5	2
20	16QAM	50	24	19.89	20.13	20.22		
20	16QAM	50	50	20.04	20.11	20.11		
20	16QAM	100	0	19.90	20.09	20.15		
20	64QAM	1	0	19.92	20.18	20.30	21.5	2
20	64QAM	1	49	20.02	20.22	20.25		
20	64QAM	1	99	20.03	20.14	20.10		
20	64QAM	50	0	18.88	19.10	19.28	20.5	3
20	64QAM	50	24	18.93	19.16	19.23		
20	64QAM	50	50	18.99	19.12	19.12		
20	64QAM	100	0	18.89	19.13	19.17		
20	256QAM	1	0	17.17	17.22	17.14	18.5	5
20	256QAM	1	49	17.16	17.23	17.21		
20	256QAM	1	99	17.30	17.33	17.25		
20	256QAM	50	0	17.10	17.18	17.15	18.5	5
20	256QAM	50	24	17.12	17.18	17.11		
20	256QAM	50	50	17.07	17.15	17.12		
20	256QAM	100	0	17.00	17.12	17.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.85	22.13	22.06	23.5	0
15	QPSK	1	37	21.86	22.02	21.96		
15	QPSK	1	74	21.69	21.98	21.93		
15	QPSK	36	0	20.98	21.13	21.13	22.5	1
15	QPSK	36	20	20.76	21.03	21.05		
15	QPSK	36	39	20.79	20.97	21.12		
15	QPSK	75	0	20.84	21.07	21.08		
15	16QAM	1	0	20.90	21.32	21.29	22.5	1
15	16QAM	1	37	21.12	21.26	21.28		
15	16QAM	1	74	21.12	21.09	21.24		
15	16QAM	36	0	19.75	19.98	20.19	21.5	2
15	16QAM	36	20	19.82	20.11	20.16		
15	16QAM	36	39	19.98	20.04	20.00		
15	16QAM	75	0	19.87	20.05	20.07		
15	64QAM	1	0	19.90	20.17	20.28	21.5	2
15	64QAM	1	37	19.97	20.20	20.19		
15	64QAM	1	74	19.99	20.13	20.06		
15	64QAM	36	0	18.86	19.01	19.16	20.5	3
15	64QAM	36	20	18.81	19.15	19.20		
15	64QAM	36	39	18.88	19.04	19.02		
15	64QAM	75	0	18.78	19.06	19.08		
15	256QAM	1	0	17.21	17.14	17.11	18.5	5
15	256QAM	1	37	17.17	17.19	17.22		
15	256QAM	1	74	17.31	17.26	17.27		
15	256QAM	36	0	17.06	17.07	17.11	18.5	5
15	256QAM	36	20	17.16	17.12	17.17		
15	256QAM	36	39	17.03	17.04	17.13		
15	256QAM	75	0	17.11	17.11	17.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.91	22.08	22.06	23.5	0
10	QPSK	1	25	21.84	22.02	22.00		
10	QPSK	1	49	21.77	21.95	21.97		
10	QPSK	25	0	20.93	21.16	21.08	22.5	1
10	QPSK	25	12	20.80	21.08	21.05		
10	QPSK	25	25	20.86	21.06	21.04		
10	QPSK	50	0	20.76	21.13	21.10	22.5	1
10	16QAM	1	0	20.96	21.35	21.39		
10	16QAM	1	25	21.03	21.26	21.30		
10	16QAM	1	49	21.10	21.08	21.19		
10	16QAM	25	0	19.82	19.96	20.13	21.5	2
10	16QAM	25	12	19.87	20.08	20.10		
10	16QAM	25	25	20.03	20.05	20.07		
10	16QAM	50	0	19.87	20.00	20.03		
10	64QAM	1	0	19.89	20.15	20.23	21.5	2
10	64QAM	1	25	19.91	20.21	20.16		
10	64QAM	1	49	19.91	20.11	20.02		
10	64QAM	25	0	18.85	19.03	19.19	20.5	3
10	64QAM	25	12	18.84	19.07	19.12		
10	64QAM	25	25	18.98	19.07	19.10		
10	64QAM	50	0	18.85	19.05	19.13		
10	256QAM	1	0	17.12	17.21	17.11	18.5	5
10	256QAM	1	25	17.13	17.16	17.14		
10	256QAM	1	49	17.30	17.23	17.32		
10	256QAM	25	0	17.16	17.09	17.17	18.5	5
10	256QAM	25	12	17.08	17.09	17.08		
10	256QAM	25	25	17.14	17.09	17.04		
10	256QAM	50	0	17.01	17.00	17.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.84	22.08	22.06	23.5	0
5	QPSK	1	12	21.81	22.03	22.02		
5	QPSK	1	24	21.77	21.98	21.92		
5	QPSK	12	0	21.00	21.13	21.07	22.5	1
5	QPSK	12	7	20.77	21.03	21.11		
5	QPSK	12	13	20.86	21.06	21.06		
5	QPSK	25	0	20.83	21.06	21.04	22.5	1
5	16QAM	1	0	20.98	21.32	21.37		
5	16QAM	1	12	21.14	21.26	21.33		
5	16QAM	1	24	21.08	21.17	21.20		
5	16QAM	12	0	19.79	19.97	20.21	21.5	2
5	16QAM	12	7	19.78	20.05	20.10		
5	16QAM	12	13	19.97	20.02	20.03		
5	16QAM	25	0	19.83	20.04	20.13		
5	64QAM	1	0	19.81	20.11	20.25	21.5	2
5	64QAM	1	12	19.94	20.15	20.21		
5	64QAM	1	24	19.97	20.02	20.06		
5	64QAM	12	0	18.80	19.00	19.23	20.5	3
5	64QAM	12	7	18.85	19.04	19.13		
5	64QAM	12	13	18.89	19.06	19.02		
5	64QAM	25	0	18.88	19.07	19.15		
5	256QAM	1	0	17.12	17.12	17.21	18.5	5
5	256QAM	1	12	17.13	17.19	17.11		
5	256QAM	1	24	17.32	17.23	17.23		
5	256QAM	12	0	17.07	17.09	17.13	18.5	5
5	256QAM	12	7	17.15	17.09	17.17		
5	256QAM	12	13	17.09	17.06	17.08		
5	256QAM	25	0	17.04	17.03	17.10		
Channel				131987	132222	132457	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.93	22.03	22.03	23.5	0
3	QPSK	1	8	21.87	22.08	21.96		
3	QPSK	1	14	21.70	22.00	21.93		
3	QPSK	8	0	20.95	21.23	21.13	22.5	1
3	QPSK	8	4	20.81	21.02	21.12		
3	QPSK	8	7	20.87	21.06	21.04		
3	QPSK	15	0	20.81	21.08	21.10		
3	16QAM	1	0	20.93	21.32	21.35	22.5	1
3	16QAM	1	8	21.10	21.24	21.23		
3	16QAM	1	14	21.12	21.15	21.20		
3	16QAM	8	0	19.76	20.06	20.21	21.5	2
3	16QAM	8	4	19.77	20.06	20.16		
3	16QAM	8	7	19.92	20.01	20.10		
3	16QAM	15	0	19.79	19.98	20.04		
3	64QAM	1	0	19.80	20.12	20.23	21.5	2
3	64QAM	1	8	19.93	20.12	20.18		
3	64QAM	1	14	19.93	20.03	19.98		
3	64QAM	8	0	18.76	19.06	19.17	20.5	3
3	64QAM	8	4	18.83	19.06	19.16		
3	64QAM	8	7	18.92	19.07	19.04		
3	64QAM	15	0	18.87	19.10	19.16		
3	256QAM	1	0	17.13	17.15	17.12	18.5	5
3	256QAM	1	8	17.17	17.21	17.13		
3	256QAM	1	14	17.27	17.27	17.23		
3	256QAM	8	0	17.16	17.14	17.07	18.5	5
3	256QAM	8	4	17.06	17.07	17.16		
3	256QAM	8	7	17.13	17.11	17.13		
3	256QAM	15	0	17.11	17.00	17.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.90	22.04	22.00	23.5	0
1.4	QPSK	1	3	21.83	22.11	22.05		
1.4	QPSK	1	5	21.69	21.98	21.94		
1.4	QPSK	3	0	21.81	22.01	21.94		
1.4	QPSK	3	1	21.79	22.03	21.96		
1.4	QPSK	3	3	21.58	21.95	21.85		
1.4	QPSK	6	0	20.85	21.06	21.04	22.5	1
1.4	16QAM	1	0	21.00	21.35	21.30	22.5	1
1.4	16QAM	1	3	21.07	21.25	21.28		
1.4	16QAM	1	5	21.18	21.15	21.24		
1.4	16QAM	3	0	20.96	21.24	21.29		
1.4	16QAM	3	1	21.00	21.21	21.21		
1.4	16QAM	3	3	21.09	21.05	21.17		
1.4	16QAM	6	0	19.82	20.01	20.04	21.5	2
1.4	64QAM	1	0	19.84	20.13	20.25	21.5	2
1.4	64QAM	1	3	20.01	20.18	20.19		
1.4	64QAM	1	5	19.92	20.12	20.00		
1.4	64QAM	3	0	19.80	20.10	20.15		
1.4	64QAM	3	1	19.89	20.14	20.17		
1.4	64QAM	3	3	19.91	20.07	19.94		
1.4	64QAM	6	0	18.88	19.08	19.05	20.5	3
1.4	256QAM	1	0	17.17	17.16	17.17	18.5	5
1.4	256QAM	1	3	17.11	17.15	17.18		
1.4	256QAM	1	5	17.28	17.31	17.30		
1.4	256QAM	3	0	17.09	17.11	17.11		
1.4	256QAM	3	1	17.16	17.08	17.11		
1.4	256QAM	3	3	17.14	17.08	17.04		
1.4	256QAM	6	0	17.10	17.05	17.07	18.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.67	23.80	23.77	24.5	0
20	QPSK	1	49	23.64	23.78	23.76		
20	QPSK	1	99	23.66	23.74	23.70		
20	QPSK	50	0	22.76	22.88	22.80	23.5	1
20	QPSK	50	24	22.67	22.77	22.75		
20	QPSK	50	50	22.66	22.72	22.77		
20	QPSK	100	0	22.66	22.81	22.80		
20	16QAM	1	0	22.80	23.01	23.07	23.5	1
20	16QAM	1	49	22.94	22.95	23.02		
20	16QAM	1	99	22.88	22.88	22.90		
20	16QAM	50	0	21.69	21.73	21.86	22.5	2
20	16QAM	50	24	21.69	21.77	21.79		
20	16QAM	50	50	21.74	21.71	21.74		
20	16QAM	100	0	21.69	21.74	21.79		
20	64QAM	1	0	21.74	21.85	21.91	22.5	2
20	64QAM	1	49	21.78	21.85	21.88		
20	64QAM	1	99	21.73	21.77	21.74		
20	64QAM	50	0	20.63	20.75	20.91	21.5	3
20	64QAM	50	24	20.65	20.79	20.85		
20	64QAM	50	50	20.75	20.74	20.80		
20	64QAM	100	0	20.66	20.76	20.83		
20	256QAM	1	0	18.52	18.56	18.46	19.5	5
20	256QAM	1	49	18.48	18.55	18.52		
20	256QAM	1	99	18.47	18.54	18.43		
20	256QAM	50	0	18.46	18.49	18.43	19.5	5
20	256QAM	50	24	18.45	18.49	18.47		
20	256QAM	50	50	18.34	18.45	18.37		
20	256QAM	100	0	18.34	18.43	18.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.69	23.65	24.5	0
15	QPSK	1	37	23.62	23.72	23.68		
15	QPSK	1	74	23.62	23.69	23.69		
15	QPSK	36	0	22.75	22.81	22.74	23.5	1
15	QPSK	36	20	22.61	22.68	22.64		
15	QPSK	36	39	22.65	22.61	22.70		
15	QPSK	75	0	22.61	22.80	22.73		
15	16QAM	1	0	22.68	22.97	22.99	23.5	1
15	16QAM	1	37	22.87	22.90	22.98		
15	16QAM	1	74	22.82	22.82	22.80		
15	16QAM	36	0	21.59	21.72	21.83	22.5	2
15	16QAM	36	20	21.66	21.66	21.69		
15	16QAM	36	39	21.70	21.67	21.72		
15	16QAM	75	0	21.64	21.70	21.77		
15	64QAM	1	0	21.70	21.81	21.80	22.5	2
15	64QAM	1	37	21.72	21.77	21.83		
15	64QAM	1	74	21.68	21.74	21.67		
15	64QAM	36	0	20.54	20.72	20.88	21.5	3
15	64QAM	36	20	20.59	20.73	20.74		
15	64QAM	36	39	20.70	20.72	20.75		
15	64QAM	75	0	20.63	20.69	20.72		
15	256QAM	1	0	18.51	18.52	18.51	19.5	5
15	256QAM	1	37	18.44	18.54	18.51		
15	256QAM	1	74	18.50	18.53	18.47		
15	256QAM	36	0	18.38	18.45	18.38	19.5	5
15	256QAM	36	20	18.43	18.39	18.37		
15	256QAM	36	39	18.44	18.37	18.39		
15	256QAM	75	0	18.33	18.42	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.58	23.69	23.66	24.5	0
10	QPSK	1	25	23.55	23.77	23.64		
10	QPSK	1	49	23.62	23.72	23.58		
10	QPSK	25	0	22.73	22.76	22.72	23.5	1
10	QPSK	25	12	22.62	22.70	22.64		
10	QPSK	25	25	22.59	22.64	22.71		
10	QPSK	50	0	22.62	22.72	22.75		
10	16QAM	1	0	22.70	22.95	23.04	23.5	1
10	16QAM	1	25	22.82	22.93	22.93		
10	16QAM	1	49	22.86	22.81	22.79		
10	16QAM	25	0	21.62	21.62	21.79	22.5	2
10	16QAM	25	12	21.66	21.74	21.67		
10	16QAM	25	25	21.70	21.59	21.62		
10	16QAM	50	0	21.63	21.64	21.67		
10	64QAM	1	0	21.73	21.82	21.85	22.5	2
10	64QAM	1	25	21.77	21.73	21.82		
10	64QAM	1	49	21.63	21.74	21.68		
10	64QAM	25	0	20.57	20.65	20.90	21.5	3
10	64QAM	25	12	20.56	20.72	20.78		
10	64QAM	25	25	20.70	20.66	20.75		
10	64QAM	50	0	20.61	20.73	20.82		
10	256QAM	1	0	18.48	18.54	18.52	19.5	5
10	256QAM	1	25	18.43	18.43	18.52		
10	256QAM	1	49	18.49	18.47	18.48		
10	256QAM	25	0	18.38	18.38	18.44	19.5	5
10	256QAM	25	12	18.47	18.44	18.48		
10	256QAM	25	25	18.42	18.34	18.36		
10	256QAM	50	0	18.34	18.34	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.65	23.68	23.76	24.5	0
5	QPSK	1	12	23.61	23.70	23.69		
5	QPSK	1	24	23.65	23.71	23.61		
5	QPSK	12	0	22.67	22.81	22.74	23.5	1
5	QPSK	12	7	22.58	22.71	22.64		
5	QPSK	12	13	22.55	22.65	22.74		
5	QPSK	25	0	22.55	22.76	22.69		
5	16QAM	1	0	22.74	22.97	22.96	23.5	1
5	16QAM	1	12	22.92	22.93	22.90		
5	16QAM	1	24	22.78	22.80	22.78		
5	16QAM	12	0	21.57	21.72	21.78	22.5	2
5	16QAM	12	7	21.65	21.70	21.70		
5	16QAM	12	13	21.73	21.66	21.69		
5	16QAM	25	0	21.67	21.67	21.68		
5	64QAM	1	0	21.68	21.79	21.89	22.5	2
5	64QAM	1	12	21.75	21.82	21.78		
5	64QAM	1	24	21.64	21.74	21.69		
5	64QAM	12	0	20.51	20.66	20.79	21.5	3
5	64QAM	12	7	20.59	20.76	20.79		
5	64QAM	12	13	20.63	20.73	20.72		
5	64QAM	25	0	20.64	20.65	20.76		
5	256QAM	1	0	18.55	18.46	18.52	19.5	5
5	256QAM	1	12	18.48	18.44	18.50		
5	256QAM	1	24	18.48	18.46	18.44		
5	256QAM	12	0	18.43	18.43	18.45	19.5	5
5	256QAM	12	7	18.47	18.38	18.39		
5	256QAM	12	13	18.33	18.40	18.42		
5	256QAM	25	0	18.34	18.39	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.63	23.71	23.75	24.5	0
3	QPSK	1	8	23.61	23.68	23.70		
3	QPSK	1	14	23.62	23.64	23.67		
3	QPSK	8	0	22.74	22.85	22.73	23.5	1
3	QPSK	8	4	22.68	22.75	22.72		
3	QPSK	8	7	22.63	22.68	22.70		
3	QPSK	15	0	22.55	22.71	22.76		
3	16QAM	1	0	22.74	22.89	22.96	23.5	1
3	16QAM	1	8	22.85	22.94	22.98		
3	16QAM	1	14	22.86	22.80	22.84		
3	16QAM	8	0	21.64	21.64	21.79	22.5	2
3	16QAM	8	4	21.61	21.75	21.71		
3	16QAM	8	7	21.65	21.65	21.65		
3	16QAM	15	0	21.64	21.73	21.76		
3	64QAM	1	0	21.73	21.77	21.80	22.5	2
3	64QAM	1	8	21.68	21.75	21.83		
3	64QAM	1	14	21.63	21.71	21.65		
3	64QAM	8	0	20.53	20.67	20.88	21.5	3
3	64QAM	8	4	20.59	20.73	20.76		
3	64QAM	8	7	20.71	20.64	20.79		
3	64QAM	15	0	20.54	20.68	20.81		
3	256QAM	1	0	18.54	18.55	18.54	19.5	5
3	256QAM	1	8	18.50	18.46	18.52		
3	256QAM	1	14	18.44	18.43	18.52		
3	256QAM	8	0	18.46	18.38	18.43	19.5	5
3	256QAM	8	4	18.42	18.39	18.38		
3	256QAM	8	7	18.35	18.33	18.42		
3	256QAM	15	0	18.32	18.36	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.72	23.68	24.5	0
1.4	QPSK	1	3	23.56	23.76	23.69		
1.4	QPSK	1	5	23.54	23.68	23.66		
1.4	QPSK	3	0	23.60	23.69	23.57		
1.4	QPSK	3	1	23.45	23.74	23.59		
1.4	QPSK	3	3	23.51	23.66	23.54		
1.4	QPSK	6	0	22.60	22.69	22.68	23.5	1
1.4	16QAM	1	0	22.78	22.98	22.96	23.5	1
1.4	16QAM	1	3	22.86	22.83	22.98		
1.4	16QAM	1	5	22.82	22.81	22.78		
1.4	16QAM	3	0	22.72	22.89	22.85		
1.4	16QAM	3	1	22.85	22.75	22.94		
1.4	16QAM	3	3	22.77	22.72	22.67		
1.4	16QAM	6	0	21.68	21.68	21.75	22.5	2
1.4	64QAM	1	0	21.64	21.76	21.90	22.5	2
1.4	64QAM	1	3	21.71	21.80	21.77		
1.4	64QAM	1	5	21.70	21.75	21.64		
1.4	64QAM	3	0	21.63	21.65	21.83		
1.4	64QAM	3	1	21.68	21.77	21.74		
1.4	64QAM	3	3	21.63	21.63	21.52		
1.4	64QAM	6	0	20.94	20.71	20.77	21.5	3
1.4	256QAM	1	0	18.49	18.49	18.45	19.5	5
1.4	256QAM	1	3	18.48	18.43	18.47		
1.4	256QAM	1	5	18.53	18.42	18.47		
1.4	256QAM	3	0	18.38	18.47	18.48		
1.4	256QAM	3	1	18.47	18.48	18.39		
1.4	256QAM	3	3	18.36	18.43	18.37		
1.4	256QAM	6	0	18.34	18.37	18.39	19.5	5

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.61	23.63	23.60	24.5	0
20	QPSK	1	49	23.58	23.61	23.59		
20	QPSK	1	99	23.58	23.59	23.56		
20	QPSK	50	0	22.84	22.88	22.77	23.5	1
20	QPSK	50	24	22.83	22.78	22.73		
20	QPSK	50	50	22.81	22.79	22.71		
20	QPSK	100	0	22.75	22.85	22.73		
20	16QAM	1	0	22.92	22.80	22.76	23.5	1
20	16QAM	1	49	22.91	22.83	22.80		
20	16QAM	1	99	22.92	22.81	22.87		
20	16QAM	50	0	21.89	21.77	21.73	22.5	2
20	16QAM	50	24	21.81	21.78	21.74		
20	16QAM	50	50	21.88	21.78	21.80		
20	16QAM	100	0	21.84	21.73	21.73		
20	64QAM	1	0	21.58	21.48	21.37	22.5	2
20	64QAM	1	49	21.56	21.45	21.37		
20	64QAM	1	99	21.56	21.46	21.46		
20	64QAM	50	0	20.86	20.72	20.70	21.5	3
20	64QAM	50	24	20.85	20.74	20.72		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.83	20.72	20.72		
20	256QAM	1	0	18.08	18.09	18.06	19.5	5
20	256QAM	1	49	17.93	18.05	17.95		
20	256QAM	1	99	18.08	18.09	18.05		
20	256QAM	50	0	17.98	18.03	17.99	19.5	5
20	256QAM	50	24	17.97	18.05	17.93		
20	256QAM	50	50	17.96	18.01	17.98		
20	256QAM	100	0	17.83	17.95	17.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.49	23.59	23.59	24.5	0
15	QPSK	1	37	23.52	23.58	23.51		
15	QPSK	1	74	23.52	23.51	23.51		
15	QPSK	36	0	22.76	22.83	22.74	23.5	1
15	QPSK	36	20	22.82	22.71	22.61		
15	QPSK	36	39	22.74	22.73	22.64		
15	QPSK	75	0	22.63	22.83	22.69		
15	16QAM	1	0	22.80	22.74	22.72	23.5	1
15	16QAM	1	37	22.80	22.82	22.79		
15	16QAM	1	74	22.85	22.72	22.82		
15	16QAM	36	0	21.77	21.73	21.62	22.5	2
15	16QAM	36	20	21.78	21.68	21.63		
15	16QAM	36	39	21.79	21.74	21.77		
15	16QAM	75	0	21.82	21.65	21.66		
15	64QAM	1	0	21.49	21.37	21.35	22.5	2
15	64QAM	1	37	21.36	21.36	21.36		
15	64QAM	1	74	21.49	21.39	21.47		
15	64QAM	36	0	20.77	20.63	20.63	21.5	3
15	64QAM	36	20	20.74	20.67	20.68		
15	64QAM	36	39	20.76	20.73	20.71		
15	64QAM	75	0	20.79	20.70	20.67		
15	256QAM	1	0	18.04	18.08	18.06	19.5	5
15	256QAM	1	37	17.92	18.00	17.92		
15	256QAM	1	74	17.98	18.08	17.95		
15	256QAM	36	0	17.89	18.02	17.93	19.5	5
15	256QAM	36	20	17.92	18.04	17.83		
15	256QAM	36	39	17.95	17.98	17.87		
15	256QAM	75	0	17.80	17.85	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.53	23.52	23.70	24.5	0
10	QPSK	1	25	23.46	23.52	23.55		
10	QPSK	1	49	23.51	23.58	23.45		
10	QPSK	25	0	22.72	22.78	22.66	23.5	1
10	QPSK	25	12	22.71	22.77	22.69		
10	QPSK	25	25	22.77	22.78	22.66		
10	QPSK	50	0	22.65	22.84	22.63		
10	16QAM	1	0	22.91	22.78	22.66	23.5	1
10	16QAM	1	25	22.83	22.77	22.68		
10	16QAM	1	49	22.89	22.69	22.75		
10	16QAM	25	0	21.85	21.66	21.64	22.5	2
10	16QAM	25	12	21.71	21.69	21.62		
10	16QAM	25	25	21.79	21.75	21.68		
10	16QAM	50	0	21.72	21.68	21.61		
10	64QAM	1	0	21.53	21.44	21.25	22.5	2
10	64QAM	1	25	21.53	21.42	21.25		
10	64QAM	1	49	21.51	21.36	21.37		
10	64QAM	25	0	20.74	20.65	20.64	21.5	3
10	64QAM	25	12	20.76	20.71	20.70		
10	64QAM	25	25	20.74	20.70	20.71		
10	64QAM	50	0	20.81	20.62	20.65		
10	256QAM	1	0	17.97	18.00	18.07	19.5	5
10	256QAM	1	25	17.91	18.00	17.89		
10	256QAM	1	49	17.96	17.98	17.89		
10	256QAM	25	0	17.95	18.00	17.91	19.5	5
10	256QAM	25	12	17.90	17.93	17.81		
10	256QAM	25	25	17.89	17.94	17.87		
10	256QAM	50	0	17.82	17.86	17.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.49	23.53	23.54	24.5	0
5	QPSK	1	12	23.46	23.55	23.52		
5	QPSK	1	24	23.55	23.55	23.51		
5	QPSK	12	0	22.79	22.87	22.72	23.5	1
5	QPSK	12	7	22.72	22.71	22.65		
5	QPSK	12	13	22.75	22.75	22.59		
5	QPSK	25	0	22.71	22.84	22.65		
5	16QAM	1	0	22.86	22.71	22.74	23.5	1
5	16QAM	1	12	22.87	22.71	22.78		
5	16QAM	1	24	22.90	22.69	22.76		
5	16QAM	12	0	21.81	21.74	21.65	22.5	2
5	16QAM	12	7	21.70	21.74	21.70		
5	16QAM	12	13	21.81	21.72	21.71		
5	16QAM	25	0	21.62	21.61	21.68		
5	64QAM	1	0	21.55	21.36	21.33	22.5	2
5	64QAM	1	12	21.49	21.39	21.36		
5	64QAM	1	24	21.44	21.36	21.36		
5	64QAM	12	0	20.83	20.64	20.65	21.5	3
5	64QAM	12	7	20.83	20.63	20.70		
5	64QAM	12	13	20.73	20.69	20.73		
5	64QAM	25	0	20.82	20.65	20.66		
5	256QAM	1	0	17.98	18.04	17.97	19.5	5
5	256QAM	1	12	17.87	17.96	17.94		
5	256QAM	1	24	17.97	18.04	17.99		
5	256QAM	12	0	17.87	17.92	17.97	19.5	5
5	256QAM	12	7	17.92	17.97	17.84		
5	256QAM	12	13	17.89	17.93	17.89		
5	256QAM	25	0	17.81	17.92	17.72		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.20	24.30	24.27	25.2	0
20	QPSK	1	49	24.19	24.23	24.18		
20	QPSK	1	99	24.12	24.19	24.24		
20	QPSK	50	0	23.64	23.75	23.70	24.7	0.5
20	QPSK	50	24	23.51	23.61	23.61		
20	QPSK	50	50	23.63	23.66	23.60		
20	QPSK	100	0	23.54	23.70	23.55		
20	16QAM	1	0	23.61	23.67	23.73	24.7	0.5
20	16QAM	1	49	23.63	23.61	23.61		
20	16QAM	1	99	23.54	23.60	23.66		
20	16QAM	50	0	22.50	22.64	22.70	23.7	1.5
20	16QAM	50	24	22.59	22.65	22.64		
20	16QAM	50	50	22.58	22.62	22.60		
20	16QAM	100	0	22.55	22.59	22.72		
20	64QAM	1	0	22.57	22.63	22.71	23.7	1.5
20	64QAM	1	49	22.60	22.65	22.69		
20	64QAM	1	99	22.55	22.64	22.61		
20	64QAM	50	0	21.63	21.69	21.65	22.7	2.5
20	64QAM	50	24	21.63	21.65	21.67		
20	64QAM	50	50	21.63	21.60	21.69		
20	64QAM	100	0	21.62	21.58	21.71		
20	256QAM	1	0	19.63	19.57	19.71	20.7	4.5
20	256QAM	1	49	19.62	19.67	19.69		
20	256QAM	1	99	19.59	19.67	19.65		
20	256QAM	50	0	19.57	19.69	19.67	20.7	4.5
20	256QAM	50	24	19.51	19.66	19.64		
20	256QAM	50	50	19.60	19.69	19.64		
20	256QAM	100	0	19.62	19.57	19.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.11	24.21	24.18	25.2	0
15	QPSK	1	37	24.18	24.15	24.11		
15	QPSK	1	74	24.01	24.05	24.26		
15	QPSK	36	0	23.50	23.74	23.53	24.7	0.5
15	QPSK	36	20	23.41	23.48	23.53		
15	QPSK	36	39	23.54	23.58	23.57		
15	QPSK	75	0	23.43	23.66	23.44		
15	16QAM	1	0	23.46	23.60	23.64	24.7	0.5
15	16QAM	1	37	23.50	23.47	23.50		
15	16QAM	1	74	23.47	23.49	23.63		
15	16QAM	36	0	22.35	22.50	22.69	23.7	1.5
15	16QAM	36	20	22.52	22.52	22.53		
15	16QAM	36	39	22.56	22.47	22.48		
15	16QAM	75	0	22.32	22.46	22.69		
15	64QAM	1	0	22.43	22.51	22.66	23.7	1.5
15	64QAM	1	37	22.54	22.56	22.55		
15	64QAM	1	74	22.42	22.59	22.57		
15	64QAM	36	0	21.52	21.66	21.54	22.7	2.5
15	64QAM	36	20	21.50	21.64	21.62		
15	64QAM	36	39	21.50	21.49	21.66		
15	64QAM	75	0	21.55	21.53	21.65		
15	256QAM	1	0	19.48	19.43	19.64	20.7	4.5
15	256QAM	1	37	19.57	19.56	19.59		
15	256QAM	1	74	19.46	19.65	19.55		
15	256QAM	36	0	19.48	19.57	19.57	20.7	4.5
15	256QAM	36	20	19.45	19.56	19.60		
15	256QAM	36	39	19.55	19.61	19.61		
15	256QAM	75	0	19.48	19.49	19.54		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	24.17	24.23	24.27	25.2	0
10	QPSK	1	25	24.14	24.20	24.15		
10	QPSK	1	49	24.05	24.10	24.13		
10	QPSK	25	0	23.54	23.69	23.59	24.7	0.5
10	QPSK	25	12	23.46	23.52	23.54		
10	QPSK	25	25	23.54	23.60	23.62		
10	QPSK	50	0	23.53	23.68	23.45		
10	16QAM	1	0	23.54	23.55	23.69	24.7	0.5
10	16QAM	1	25	23.53	23.53	23.59		
10	16QAM	1	49	23.43	23.55	23.55		
10	16QAM	25	0	22.43	22.60	22.57	23.7	1.5
10	16QAM	25	12	22.50	22.64	22.53		
10	16QAM	25	25	22.45	22.51	22.47		
10	16QAM	50	0	22.42	22.58	22.68		
10	64QAM	1	0	22.43	22.59	22.56	23.7	1.5
10	64QAM	1	25	22.46	22.52	22.68		
10	64QAM	1	49	22.53	22.62	22.51		
10	64QAM	25	0	21.56	21.56	21.49	22.7	2.5
10	64QAM	25	12	21.53	21.52	21.65		
10	64QAM	25	25	21.56	21.59	21.61		
10	64QAM	50	0	21.53	21.44	21.67		
10	256QAM	1	0	19.48	19.47	19.70	20.7	4.5
10	256QAM	1	25	19.39	19.61	19.63		
10	256QAM	1	49	19.44	19.56	19.61		
10	256QAM	25	0	19.46	19.55	19.61	20.7	4.5
10	256QAM	25	12	19.42	19.58	19.60		
10	256QAM	25	25	19.50	19.57	19.62		
10	256QAM	50	0	19.55	19.54	19.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.09	24.10	24.21	25.2	0
5	QPSK	1	12	24.16	24.17	24.04		
5	QPSK	1	24	24.09	24.07	24.16		
5	QPSK	12	0	23.55	23.65	23.61	24.7	0.5
5	QPSK	12	7	23.44	23.47	23.54		
5	QPSK	12	13	23.52	23.52	23.61		
5	QPSK	25	0	23.47	23.61	23.50		
5	16QAM	1	0	23.53	23.66	23.71	24.7	0.5
5	16QAM	1	12	23.50	23.60	23.54		
5	16QAM	1	24	23.41	23.52	23.56		
5	16QAM	12	0	22.41	22.60	22.57	23.7	1.5
5	16QAM	12	7	22.53	22.62	22.53		
5	16QAM	12	13	22.57	22.59	22.46		
5	16QAM	25	0	22.40	22.48	22.62		
5	64QAM	1	0	22.46	22.52	22.60	23.7	1.5
5	64QAM	1	12	22.56	22.58	22.55		
5	64QAM	1	24	22.43	22.45	22.52		
5	64QAM	12	0	21.57	21.56	21.48	22.7	2.5
5	64QAM	12	7	21.50	21.51	21.65		
5	64QAM	12	13	21.56	21.49	21.61		
5	64QAM	25	0	21.58	21.43	21.70		
5	256QAM	1	0	19.57	19.56	19.68	20.7	4.5
5	256QAM	1	12	19.48	19.56	19.60		
5	256QAM	1	24	19.56	19.63	19.51		
5	256QAM	12	0	19.51	19.56	19.63	20.7	4.5
5	256QAM	12	7	19.42	19.64	19.62		
5	256QAM	12	13	19.45	19.67	19.54		
5	256QAM	25	0	19.50	19.50	19.66		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.67	23.68	23.63	24.5	0
20	QPSK	1	49	23.63	23.58	23.58		
20	QPSK	1	99	23.60	23.55	23.57		
20	QPSK	50	0	22.88	22.70	22.69	23.5	1
20	QPSK	50	24	22.65	22.68	22.61		
20	QPSK	50	50	22.66	22.67	22.64		
20	QPSK	100	0	22.72	22.78	22.73		
20	16QAM	1	0	22.80	22.74	22.74	23.5	1
20	16QAM	1	49	22.82	22.76	22.75		
20	16QAM	1	99	22.84	22.80	22.90		
20	16QAM	50	0	21.79	21.71	21.68	22.5	2
20	16QAM	50	24	21.75	21.74	21.74		
20	16QAM	50	50	21.80	21.74	21.77		
20	16QAM	100	0	21.79	21.71	21.72		
20	64QAM	1	0	21.49	21.41	21.36	22.5	2
20	64QAM	1	49	21.48	21.42	21.38		
20	64QAM	1	99	21.52	21.45	21.50		
20	64QAM	50	0	20.75	20.65	20.67	21.5	3
20	64QAM	50	24	20.73	20.72	20.73		
20	64QAM	50	50	20.81	20.74	20.75		
20	64QAM	100	0	20.75	20.71	20.70		
20	256QAM	1	0	17.89	17.96	17.88	19.5	5
20	256QAM	1	49	17.93	17.88	17.76		
20	256QAM	1	99	17.94	17.95	17.89		
20	256QAM	50	0	17.83	17.91	17.80	19.5	5
20	256QAM	50	24	17.82	17.85	17.73		
20	256QAM	50	50	17.81	17.83	17.80		
20	256QAM	100	0	17.80	17.83	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.63	23.53	24.5	0
15	QPSK	1	37	23.62	23.50	23.51		
15	QPSK	1	74	23.55	23.50	23.56		
15	QPSK	36	0	22.64	22.69	22.57	23.5	1
15	QPSK	36	20	22.60	22.61	22.51		
15	QPSK	36	39	22.60	22.64	22.60		
15	QPSK	75	0	22.61	22.75	22.69		
15	16QAM	1	0	22.69	22.73	22.73	23.5	1
15	16QAM	1	37	22.71	22.71	22.68		
15	16QAM	1	74	22.82	22.69	22.83		
15	16QAM	36	0	21.77	21.69	21.62	22.5	2
15	16QAM	36	20	21.84	21.70	21.69		
15	16QAM	36	39	21.75	21.72	21.72		
15	16QAM	75	0	21.77	21.64	21.71		
15	64QAM	1	0	21.44	21.33	21.31	22.5	2
15	64QAM	1	37	21.44	21.37	21.35		
15	64QAM	1	74	21.47	21.33	21.41		
15	64QAM	36	0	20.73	20.59	20.60	21.5	3
15	64QAM	36	20	20.69	20.65	20.62		
15	64QAM	36	39	20.69	20.72	20.65		
15	64QAM	75	0	20.66	20.64	20.65		
15	256QAM	1	0	17.77	17.89	17.77	19.5	5
15	256QAM	1	37	17.72	17.82	17.74		
15	256QAM	1	74	17.82	17.94	17.77		
15	256QAM	36	0	17.72	17.87	17.76	19.5	5
15	256QAM	36	20	17.72	17.84	17.72		
15	256QAM	36	39	17.72	17.79	17.78		
15	256QAM	75	0	17.71	17.78	17.66		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.58	23.68	23.62	24.5	0
10	QPSK	1	25	23.58	23.55	23.52		
10	QPSK	1	49	23.57	23.45	23.52		
10	QPSK	25	0	22.62	22.69	22.64	23.5	1
10	QPSK	25	12	22.64	22.62	22.52		
10	QPSK	25	25	22.56	22.57	22.55		
10	QPSK	50	0	22.60	22.67	22.69		
10	16QAM	1	0	22.74	22.64	22.65	23.5	1
10	16QAM	1	25	22.78	22.65	22.69		
10	16QAM	1	49	22.78	22.77	22.85		
10	16QAM	25	0	21.75	21.64	21.66	22.5	2
10	16QAM	25	12	21.73	21.71	21.70		
10	16QAM	25	25	21.72	21.63	21.76		
10	16QAM	50	0	21.77	21.63	21.69		
10	64QAM	1	0	21.39	21.29	21.27	22.5	2
10	64QAM	1	25	21.47	21.34	21.33		
10	64QAM	1	49	21.41	21.40	21.43		
10	64QAM	25	0	20.65	20.65	20.55	21.5	3
10	64QAM	25	12	20.72	20.60	20.64		
10	64QAM	25	25	20.79	20.72	20.74		
10	64QAM	50	0	20.67	20.61	20.68		
10	256QAM	1	0	17.78	17.84	17.84	19.5	5
10	256QAM	1	25	17.72	17.80	17.71		
10	256QAM	1	49	17.88	17.74	17.88		
10	256QAM	25	0	17.75	17.85	17.70	19.5	5
10	256QAM	25	12	17.80	17.81	17.64		
10	256QAM	25	25	17.72	17.82	17.73		
10	256QAM	50	0	17.72	17.77	17.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.61	23.51	24.5	0
5	QPSK	1	12	23.56	23.49	23.47		
5	QPSK	1	24	23.59	23.48	23.48		
5	QPSK	12	0	22.65	22.61	22.63	23.5	1
5	QPSK	12	7	22.57	22.63	22.51		
5	QPSK	12	13	22.58	22.57	22.56		
5	QPSK	25	0	22.63	22.68	22.70		
5	16QAM	1	0	22.68	22.69	22.62	23.5	1
5	16QAM	1	12	22.72	22.66	22.67		
5	16QAM	1	24	22.75	22.71	22.82		
5	16QAM	12	0	21.78	21.67	21.57	22.5	2
5	16QAM	12	7	21.69	21.62	21.73		
5	16QAM	12	13	21.75	21.67	21.73		
5	16QAM	25	0	21.76	21.68	21.62		
5	64QAM	1	0	21.43	21.37	21.29	22.5	2
5	64QAM	1	12	21.44	21.39	21.32		
5	64QAM	1	24	21.43	21.35	21.47		
5	64QAM	12	0	20.73	20.67	20.64	21.5	3
5	64QAM	12	7	20.64	20.64	20.64		
5	64QAM	12	13	20.70	20.62	20.68		
5	64QAM	25	0	20.64	20.66	20.61		
5	256QAM	1	0	17.82	17.90	17.79	19.5	5
5	256QAM	1	12	17.82	17.77	17.71		
5	256QAM	1	24	17.85	17.87	17.83		
5	256QAM	12	0	17.81	17.88	17.69	19.5	5
5	256QAM	12	7	17.75	17.81	17.64		
5	256QAM	12	13	17.78	17.80	17.68		
5	256QAM	25	0	17.79	17.79	17.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.46	21.51	21.47	22.2	0
20	QPSK	1	49	21.38	21.40	21.43		
20	QPSK	1	99	21.43	21.43	21.37		
20	QPSK	50	0	21.35	21.44	21.36	22.2	0
20	QPSK	50	24	21.28	21.35	21.25		
20	QPSK	50	50	21.33	21.32	21.25		
20	QPSK	100	0	21.34	21.39	21.27		
20	16QAM	1	0	21.36	21.34	21.30	22.2	0
20	16QAM	1	49	21.31	21.41	21.29	

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.69	23.70	23.57	23.64	24.5	0
20	QPSK	1	49	23.62	23.53	23.66	23.56	23.61		
20	QPSK	50	0	23.65	23.48	23.68	23.52	23.41		
20	QPSK	50	24	22.90	22.82	22.94	22.81	22.80		
20	QPSK	50	50	22.85	22.75	22.83	22.79	22.78	23.5	1
20	16QAM	1	0	22.89	22.73	22.89	22.80	22.81		
20	16QAM	50	0	21.94	22.75	22.89	22.80	22.94		
20	16QAM	1	49	22.84	22.76	22.81	22.77	23.01		
20	16QAM	1	99	22.95	22.92	22.92	22.82	22.66	23.5	1
20	16QAM	50	0	21.90	21.72	21.82	21.81	21.96		
20	16QAM	50	24	21.90	21.75	21.83	21.82	21.88		
20	16QAM	50	50	22.00	21.84	21.90	21.83	21.81	22.5	2
20	16QAM	100	0	21.90	21.73	21.85	21.82	21.85		
20	64QAM	1	0	21.55	21.44	21.54	21.46	21.70		
20	64QAM	1	49	21.60	21.46	21.59	21.52	21.56	22.5	2
20	64QAM	1	99	21.65	21.63	21.62	21.53	21.37		
20	64QAM	50	0	20.70	20.70	20.79	20.77	20.92		
20	64QAM	50	24	20.86	20.73	20.79	20.78	20.83	21.5	3
20	64QAM	50	50	20.95	20.80	20.85	20.78	20.77		
20	64QAM	100	0	20.88	20.73	20.83	20.79	20.83		
20	256QAM	1	0	18.10	18.05	18.13	18.04	18.06		
20	256QAM	1	49	18.02	18.03	18.05	18.01	18.02	19.5	5
20	256QAM	1	99	17.99	18.05	18.11	18.08	18.08		
20	256QAM	50	0	17.99	18.01	18.06	18.03	18.05		
20	256QAM	50	24	17.96	18.04	18.06	18.05	18.05	19.5	5
20	256QAM	50	50	17.95	18.01	18.05	17.96	17.93		
20	256QAM	100	0	17.92	17.93	17.98	17.95	17.92		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.64	23.62	23.65	23.47	23.53	24.5	0
15	QPSK	1	37	23.58	23.49	23.63	23.46	23.54		
15	QPSK	1	74	23.62	23.41	23.56	23.51	23.32		
15	QPSK	36	0	22.69	22.75	22.90	22.69	22.61		
15	QPSK	36	20	22.79	22.67	22.73	22.74	22.72	23.5	1
15	QPSK	36	39	22.77	22.64	22.84	22.73	22.72		
15	QPSK	75	0	22.75	22.74	22.86	22.76	22.82		
15	16QAM	1	0	22.80	22.69	22.75	22.70	22.93		
15	16QAM	1	37	22.82	22.73	22.88	22.77	22.74	23.5	1
15	16QAM	1	74	22.91	22.90	22.82	22.76	22.57		
15	16QAM	36	0	21.70	21.67	21.81	21.75	21.95		
15	16QAM	36	20	21.80	21.68	21.81	21.76	21.79		
15	16QAM	36	39	21.89	21.78	21.89	21.71	21.69	22.5	2
15	16QAM	75	0	21.89	21.65	21.74	21.81	21.73		
15	64QAM	1	0	21.48	21.39	21.47	21.41	21.62		
15	64QAM	1	37	21.56	21.36	21.54	21.50	21.47	22.5	2
15	64QAM	1	74	21.61	21.53	21.50	21.43	21.30		
15	64QAM	36	0	20.70	20.67	20.72	20.68	20.85		
15	64QAM	36	20	20.79	20.71	20.75	20.72	20.71	21.5	3
15	64QAM	36	39	20.93	20.70	20.80	20.72	20.66		
15	64QAM	75	0	20.82	20.69	20.80	20.69	20.82		
15	256QAM	1	0	18.04	17.95	18.04	18.02	17.97		
15	256QAM	1	37	17.97	18.02	17.95	17.93	17.93	19.5	5
15	256QAM	1	74	17.90	17.98	18.06	17.96	17.97		
15	256QAM	36	0	17.88	17.94	18.04	18.00	18.01		
15	256QAM	36	20	17.97	17.99	17.95	18.02	17.95	19.5	5
15	256QAM	36	39	17.85	17.92	17.93	17.94	17.92		
15	256QAM	75	0	17.85	17.92	17.96	17.87	17.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.53	23.68	23.67	23.51	23.52	24.5	0
10	QPSK	1	25	23.55	23.44	23.57	23.47	23.59		
10	QPSK	1	49	23.62	23.45	23.58	23.48	23.29		
10	QPSK	25	0	22.84	22.72	22.79	22.76	22.80		
10	QPSK	25	12	22.80	22.75	22.84	22.77	22.66	23.5	1
10	QPSK	25	25	22.81	22.62	22.77	22.73	22.78		
10	QPSK	50	0	22.79	22.71	22.85	22.74	22.79		
10	16QAM	1	0	22.76	22.67	22.69	22.67	22.96		
10	16QAM	1	25	22.79	22.73	22.84	22.75	22.85	23.5	1
10	16QAM	1	49	22.88	22.81	22.85	22.71	22.64		
10	16QAM	25	0	21.68	21.63	21.76	21.71	21.95		
10	16QAM	25	12	21.78	21.68	21.72	21.80	21.77	22.5	2
10	16QAM	25	25	21.78	21.79	21.88	21.80	21.80		
10	16QAM	50	0	21.79	21.68	21.80	21.81	21.79		
10	64QAM	1	0	21.52	21.39	21.53	21.39	21.61		
10	64QAM	1	25	21.49	21.39	21.51	21.42	21.53	22.5	2
10	64QAM	1	49	21.62	21.60	21.52	21.51	21.27		
10	64QAM	25	0	20.74	20.60	20.69	20.65	20.88		
10	64QAM	25	12	20.81	20.72	20.76	20.72	20.79	21.5	3
10	64QAM	25	25	20.86	20.74	20.82	20.76	20.65		
10	64QAM	50	0	20.86	20.61	20.82	20.67	20.82		
10	256QAM	1	0	18.02	17.96	18.08	17.98	18.03		
10	256QAM	1	25	17.92	17.97	18.01	17.94	18.01	19.5	5
10	256QAM	1	49	17.96	18.04	18.10	18.01	18.00		
10	256QAM	25	0	17.88	17.90	17.99	18.00	18.02		
10	256QAM	25	12	17.86	18.03	17.99	17.95	18.02	19.5	5
10	256QAM	25	25	17.90	17.90	17.95	17.94	17.94		
10	256QAM	50	0	17.84	17.86	17.98	17.83	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.59	23.57	23.62	23.55	23.52	24.5	0
5	QPSK	1	12	23.53	23.45	23.62	23.52	23.60		
5	QPSK	1	24	23.55	23.42	23.58	23.44	23.37		
5	QPSK	12	0	22.78	22.71	22.87	22.71	22.85		
5	QPSK	12	7	22.76	22.68	22.74	22.77	22.74	23.5	1
5	QPSK	12	13	22.88	22.63	22.77	22.79	22.71		
5	QPSK	25	0	22.73	22.66	22.88	22.73	22.72		
5	16QAM	1	0	22.79	22.65	22.76	22.74	22.99		
5	16QAM	1	12	22.77	22.65	22.79	22.76	22.76	23.5	1
5	16QAM	1	24	22.89	22.86	22.87	22.82	22.73		
5	16QAM	12	0	21.69	21.72	21.73	21.78	21.90		
5	16QAM	12	7	21.89	21.71	21.82	21.76	21.79	22.5	2
5	16QAM	12	13	21.89	21.79	21.81	21.82	21.79		
5	16QAM	25	0	21.68	21.64	21.84	21.81	21.81		
5	64QAM	1	0	21.50	21.42	21.50	21.36	21.68		
5	64QAM	1	12	21.56	21.43	21.49	21.40	21.51	22.5	2
5	64QAM	1	24	21.56	21.62	21.52	21.50	21.26		
5	64QAM	12	0	20.74	20.60	20.69	20.74	20.88		
5	64QAM	12	7	20.75	20.63	20.76	20.72	20.76	21.5	3
5	64QAM	12	13	20.88	20.78	20.80	20.74	20.67		
5	64QAM	25	0	20.86	20.69	20.75	20.71	20.77		
5	256QAM	1	0	18.07	17.97	18.08	17.92	18.04		
5	256QAM	1	12	17.92	17.92	17.94	17.97	18.01	19.5	5
5	256QAM	1	24	17.96	17.99	18.07	18.02	18.01		
5	256QAM	12	0	17.92	17.92	18.01	17.96	18.03		
5	256QAM	12	7	17.85	17.93	17.96	17.96	17.99	19.5	5
5	256QAM	12	13	17.85	17.93	17.97	17.94	17.62		
5	256QAM	25	0	17.83	17.83	17.87	17.90	17.89		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.22	24.27	24.31	24.30	24.30	25.2	0
20	QPSK	1	49	24.17	24.23	24.14	24.28	24.30		
20	QPSK	1	99	24.13	24.13	24.12	24.24	24.21		
20	QPSK	50	0	23.57	23.72	23.77	23.72	23.76		
20	QPSK	50	24	23.46	23.61	23.70	23.71	23.62	24.7	0.5
20	QPSK	50	50	23.43	23.68	23.70	23.63	23.70		
20	QPSK	100	0	23.46	23.66	23.75	23.69	23.69		
20	16QAM	1	0	23.47	23.62	23.70	23.66	23.69		
20	16QAM	1	49	23.42	23.69	23.80	23.62	23.67	24.7	0.5
20	16QAM	1	99	23.43	23.63	23.79	23.64	23.66		
20	16QAM	50	0	22.49	22.57	22.71	22.70	22.69		
20	16QAM	50	24	22.49	22.57	22.72	22.70	22.62	23.7	1.5
20	16QAM	50	50	22.42	22.70	22.73	22.65	22.69		
20	16QAM	100	0	22.45	22.71	22.75	22.63	22.69		
20	64QAM	1	0	22.52	22.69	22.77	22.57	22.61		
20	64QAM	1	49	22.42	22.67	22.72	22.71	22.73	23.7	1.5
20	64QAM	1	99	22.50	22.69	22.75	22.65	22.64		
20	64QAM	50	0	21.54	21.65	21.78	21.65	21.62		
20	64QAM	50	24	21.45	21.63	21.75	21.70	21.64	22.7	2.5
20	64QAM	50	50	21.53	21.65	21.78	21.66	21.64		
20	64QAM	100	0	21.53	21.68	21.68	21.69	21.63		
20	256QAM	1	0	19.55	19.57	19.74	19.65	19.65		
20	256QAM	1	49	19.47	19.68	19.71	19.62	19.64	20.7	4.5
20	256QAM	1	99	19.52	19.67	19.71	19.59	19.63		
20	256QAM	50	0	19.45	19.65	19.69	19.65	19.65		
20	256QAM	50	24	19.52	19.70	19.77	19.61	19.65	20.7	4.5
20	256QAM	50	50	19.43	19.60	19.71	19.70	19.62		
20	256QAM	100	0	19.44	19.61	19.77	19.60	19.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.14	24.22	24.25	24.21	24.17	25.2	0
15	QPSK	1	37	24.14	24.13	24.12	24.15	24.27		
15	QPSK	1	74	24.07	24.01	24.02	24.16	24.14		
15	QPSK	36	0	23.52	23.69	23.73	23.69	23.71		
15	QPSK	36	20	23.40	23.49	23.60	23.70	23.58	24.7	0.5
15	QPSK	36	39	23.28	23.54	23.62	23.49	23.63		
15	QPSK	75	0	23.38	23.47	23.73	23.54	23.67		
15	16QAM	1	0	23.37	23.59	23.65	23.62	23.60		
15	16QAM	1	37	23.32	23.56	23.78	23.52	23.52	24.7	0.5
15	16QAM	1	74	23.32	23.54	23.71	23.52	23.52		
15	16QAM	36	0	22.45	22.52	22.67	22.68	22.67		
15	16QAM	36	20	22.36	22.45	22.67	22.68	22.54	23.7	1.5
15	16QAM	36	39	22.29	22.65	22.69	22.56	22.60		
15	16QAM	75	0	22.34	22.56	22.71	22.57	22.57		
15	64QAM	1	0	22.51	22.66	22.73	22.49	22.58		
15	64QAM	1	37	22.28	22.54	22.62	22.69	22.68	23.7	1.5
15	64QAM	1	74	22.47	22.59	22.74	22.55	22.50		
15	64QAM	36	0	21.47	21.52	21.77	21.58	21.50		
15	64QAM	36	20	21.37	21.58	21.72	21.67	21.52	22.7	2.5
15	64QAM	36	39	21.4	21.54	21.64	21.56	21.48		
15	64QAM	75	0	21.42	21.62	21.63	21.62	21.60		
15	256QAM	1	0	19.54	19.51	19.71	19.61	19.63		
15	256QAM	1	37	19.44	19.59	19.59	19.51	19.54	20.7	4.5
15	256QAM	1	74	19.48	19.61	19.59	19.48	19.50		
15	256QAM	36	0	19.37	19.59	19.63	19.54	19.60		
15	256QAM	36	20	19.44	19.67	19.67	19.55	19.60	20.7	4.5
15	256QAM	36	39	19.36	19.51	19.62	19.69	19.52		
15	256QAM	75	0	19.34	19.47	19.67	19.56	19.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.17	24.15	24.21	24.19	24.22	25.2	0
10	QPSK	1	25	24.03	24.21	24.03	24.18	24.28		
10	QPSK	1	49	24.01	24.12	24.04	24.21	24.20		
10	QPSK	25	0	23.49	23.62	23.73	23.69	23.70		
10	QPSK	25	12	23.40	23.56	23.58	23.65	23.53	24.7	0.5
10	QPSK	25	25	23.28	23.58	23.65	23.53	23.63		
10	QPSK	50	0	23.36	23.52	23.64	23.66	23.68		
10	16QAM	1	0	23.44	23.54	23.68	23.61	23.68		
10	16QAM	1	25	23.37	23.63	23.77	23.59	23.63	24.7	0.5
10	16QAM	1	49	23.33	23.61	23.70	23.55	23.56		
10	16QAM	25	0	22.35	22.54	22.58	22.55	22.57		
10	16QAM	25	12	22.36	22.43	22.60	22.60	22.54	23.7	1.5
10	16QAM	25	25	22.37	22.67	22.65	22.59	22.67		
10	16QAM	50	0	22.30	22.58	22.64	22.65	22.64		
10	64QAM	1	0	22.43	22.54	22.70	22.47	22.60		
10	64QAM	1	25	22.34	22.55	22.72	22.59	22.67	23.7	1.5
10	64QAM	1	49	22.41	22.67	22.60	22.52	22.58		
10	64QAM	25	0	21.50	21.54	21.66	21.52	21.58		
10	64QAM	25	12	21.41	21.56	21.63	21.62	21.49	22.7	2.5
10	64QAM	25	25	21.44	21.58	21.75	21.55	21.62		
10	64QAM	50	0	21.43	21.57	21.67	21.65	21.48		
10	256QAM	1	0	19.53	19.56	19.70	19.56	19.52		
10	256QAM	1	25	19.39	19.59	19.59	19.48	19.55	20.7	4.5
10	256QAM	1	49	19.51	19.59	19.59	19.56	19.55		
10	256QAM	25	0	19.36	19.56	19.56	19.51	19.53		
10	256QAM	25	12	19.43	19.69	19.71	19.56	19.55	20.7	4.5
10	256QAM	25	25	19.32	19.55	19.58	19.55	19.49		
10	256QAM	50	0	19.29	19.57	19.71	19.53	19.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.17	24.21	24.26	24.21	24.27	25.2	0
5	QPSK	1	12	24.02	24.17	24.08	24.26	24.21		
5	QPSK	1	24	24.06	24.10	24.03	24.19	24.08		
5	QPSK	12	0	23.46	23.60	23.63	23.71	23.74		
5	QPSK	12	7	23.42	23.52	23.69	23.66	23.53	24.7	0.5
5	QPSK	12	13	23.34	23.53	23.67	23.46	23.58		
5	QPSK	25	0	23.41	23.45	23.68	23.63	23.64		
5	16QAM	1	0	23.43	23.47	23.58	23.64	23.66		
5	16QAM	1	12	23.40	23.58	23.78	23.54	23.56	24.7	0.5
5	16QAM	1	24	23.42	23.55	23.71	23.61	23.60		
5	16QAM	12	0	22.36	22.46	22.70	22.55	22.64		
5	16QAM	12	7	22.43	22.53	22.69	22.67	22.58	23.7	1.5
5	16QAM	12	13	22.41	22.67	22.62	22.58	22.56		
5	16QAM	25	0	22.42	22.67	22.72	22.59	22.57		
5	64QAM	1	0	22.49	22.57	22.62	22.52	22.59		
5	64QAM	1	12	22.38	22.60	22.61	22.68	22.68	23.7	1.5
5	64QAM	1	24	22.47	22.62	22.72	22.59	22.57		
5	64QAM	12	0	21.45	21.48	21.74	21.57	21.55		
5	64QAM	12	7	21.36	21.60	21.71	21.64	21.56	22.7	2.5
5	64QAM	12	13	21.44	21.58	21.72	21.57	21.55		
5	64QAM	25	0	21.40	21.61	21.66	21.63	21.57		
5	256QAM	1	0	19.44	19.51	19.71	19.53	19.60		
5	256QAM	1	12	19.39	19.65	19.58	19.49	19.61	20.7	4.5
5	256QAM	1	24	19.46	19.63	19.69	19.48	19.50		
5	256QAM	12	0	19.44	19.50	19.57	19.60	19.57		
5	256QAM	12	7	19.42	19.61	19.63	19.54	19.53	20.7	4.5
5	256QAM	12	13	19.30	19.59	19.64	19.61	19.53		
5	256QAM	25	0	19.31	19.51	19.63	19.53	19.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.60	23.56	23.69	23.52	23.63	24.5	0
20	QPSK	1	49	23.54	23.36	23.61	23.50	23.51		
20	QPSK	1	99	23.56	23.31	23.64	23.49	23.46		
20	QPSK	50	0	22.84	22.59	22.82	22.76	22.86		
20	QPSK	50	24	22.85	22.61	22.72	22.75	22.83	23.5	1
20	QPSK	50	50	22.78	22.59	22.82	22.75	22.84		
20	QPSK	100	0	22.82	22.59	22.88	22.72	22.75		
20	16QAM	1	0	22.81	22.60	22.72	22.69	22.99		
20	16QAM	1	49	22.84	22.63	22.81	22.73	22.89	23.5	1
20	16QAM	1	99	22.86	22.77	22.82	22.74	22.74		
20	16QAM	50	0	21.78	21.59	21.71	21.76	21.97		
20	16QAM	50	24	21.86	21.62	21.72	21.75	21.90	22.5	2
20	16QAM	50	50	21.92	21.67	21.82	21.75	21.85		
20	16QAM	100	0	21.83	21.59	21.76	21.75	21.88		
20	64QAM	1	0	21.54	21.29	21.42	21.42	21.69		
20	64QAM	1	49	21.55	21.31	21.50	21.45	21.58	22.5	2
20	64QAM	1	99	21.57	21.46	21.51	21.46	21.43		
20	64QAM	50	0	20.74	20.57	20.67	20.74	20.92		
20	64QAM	50	24	20.81	20.59	20.70	20.71	20.84	21.5	3
20	64QAM	50	50	20.90	20.65	20.79	20.71	20.82		
20	64QAM	100	0	20.82	20.60	20.72	20.71	20.88		
20	256QAM	1	0	18.08	18.11	18.20	18.13	18.11		
20	256QAM	1	49	18.16	18.12	18.18	18.10	18.16	19.5	5
20	256QAM	1	99	18.04	18.04	18.16	18.15	18.07		
20	256QAM	50	0	18.02	18.02	18.13	18.11	18.05		
20	256QAM	50	24	18.05	18.07	18.15	18.07	18.12	19.5	5
20	256QAM	50	50	18.06	18.05	18.14	18.08	18.05		
20	256QAM	100	0	18.08	18.08	18.10	18.02	18.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.49	23.47	23.59	23.43	23.51	24.5	0
15	QPSK	1	37	23.44	23.24	23.55	23.48	23.45		
15	QPSK	1	74	23.51	23.28	23.62	23.48	23.35		
15	QPSK	36	0	22.85	22.58	22.80	22.66	22.64		
15	QPSK	36	20	22.80	22.54	22.62	22.66	22.80	23.5	1
15	QPSK	36	39	22.67	22.50	22.70	22.73	22.83		
15	QPSK	75	0	22.79	22.52	22.81	22.66	22.65		
15	16QAM	1	0	22.71	22.53	22.66	22.59	22.88		
15	16QAM	1	37	22.79	22.52	22.72	22.68	22.81	23.5	1
15	16QAM	1	74	22.84	22.74	22.79	22.70	22.68		
15	16QAM	36	0	21.70	21.53	21.60	21.72	21.90		
15	16QAM	36	20	21.76	21.55	21.71	21.70	21.88		
15	16QAM	36	39	21.81	21.57	21.73	21.64	21.80	22.5	2
15	16QAM	75	0	21.75	21.58	21.68	21.74	21.84		
15	64QAM	1	0	21.44	21.22	21.33	21.33	21.60		
15	64QAM	1	37	21.44	21.19	21.42	21.37	21.54		
15	64QAM	1	74	21.48	21.37	21.49	21.40	21.40		
15	64QAM	36	0

Reduced Power for DSI4 ENDC&ULCA_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.79	16.86	16.84	18	0
20	QPSK	1	49	16.68	16.72	16.77		
20	QPSK	1	99	16.69	16.74	16.81		
20	QPSK	50	0	16.73	16.78	16.72	18	0
20	QPSK	50	24	16.70	16.72	16.67		
20	QPSK	50	50	16.67	16.73	16.60		
20	QPSK	100	0	16.67	16.73	16.65		
20	16QAM	1	0	16.59	16.66	16.59	18	0
20	16QAM	1	49	16.74	16.60	16.73		
20	16QAM	1	99	16.63	16.67	16.71		
20	16QAM	50	0	16.67	16.61	16.65	18	0
20	16QAM	50	24	16.70	16.67	16.73		
20	16QAM	50	50	16.71	16.71	16.61		
20	16QAM	100	0	16.64	16.66	16.66		
20	64QAM	1	0	16.62	16.66	16.59	18	0
20	64QAM	1	49	16.68	16.64	16.64		
20	64QAM	1	99	16.69	16.57	16.66		
20	64QAM	50	0	16.63	16.61	16.63	18	0
20	64QAM	50	24	16.69	16.68	16.62		
20	64QAM	50	50	16.69	16.63	16.63		
20	64QAM	100	0	16.67	16.60	16.65		
20	256QAM	1	0	16.66	16.59	16.60	18	0
20	256QAM	1	49	16.68	16.63	16.63		
20	256QAM	1	99	16.71	16.59	16.57		
20	256QAM	50	0	16.62	16.61	16.67	18	0
20	256QAM	50	24	16.61	16.67	16.65		
20	256QAM	50	50	16.61	16.63	16.60		
20	256QAM	100	0	16.59	16.59	16.62		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.76	16.85	16.70	18	0
15	QPSK	1	37	16.65	16.58	16.67		
15	QPSK	1	74	16.62	16.72	16.79		
15	QPSK	36	0	16.69	16.66	16.71	18	0
15	QPSK	36	20	16.64	16.65	16.61		
15	QPSK	36	39	16.52	16.58	16.51		
15	QPSK	75	0	16.53	16.59	16.57		
15	16QAM	1	0	16.57	16.52	16.52	18	0
15	16QAM	1	37	16.69	16.59	16.70		
15	16QAM	1	74	16.57	16.59	16.68		
15	16QAM	36	0	16.56	16.46	16.50	18	0
15	16QAM	36	20	16.58	16.64	16.60		
15	16QAM	36	39	16.70	16.59	16.60		
15	16QAM	75	0	16.50	16.61	16.55		
15	64QAM	1	0	16.63	16.51	16.62	18	0
15	64QAM	1	37	16.61	16.49	16.62		
15	64QAM	1	74	16.68	16.47	16.58		
15	64QAM	36	0	16.54	16.60	16.52	18	0
15	64QAM	36	20	16.64	16.64	16.56		
15	64QAM	36	39	16.67	16.58	16.62		
15	64QAM	75	0	16.64	16.58	16.55		
15	256QAM	1	0	16.63	16.50	16.55	18	0
15	256QAM	1	37	16.58	16.60	16.57		
15	256QAM	1	74	16.70	16.58	16.65		
15	256QAM	36	0	16.60	16.50	16.58	18	0
15	256QAM	36	20	16.55	16.62	16.57		
15	256QAM	36	39	16.51	16.57	16.54		
15	256QAM	75	0	16.55	16.52	16.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.69	16.73	16.79	18	0
10	QPSK	1	25	16.61	16.62	16.75		
10	QPSK	1	49	16.67	16.59	16.74		
10	QPSK	25	0	16.59	16.63	16.63	18	0
10	QPSK	25	12	16.62	16.68	16.58		
10	QPSK	25	25	16.63	16.60	16.51		
10	QPSK	50	0	16.58	16.64	16.51		
10	16QAM	1	0	16.52	16.57	16.53	18	0
10	16QAM	1	25	16.66	16.52	16.60		
10	16QAM	1	49	16.60	16.55	16.60		
10	16QAM	25	0	16.56	16.55	16.63	18	0
10	16QAM	25	12	16.57	16.62	16.62		
10	16QAM	25	25	16.61	16.64	16.54		
10	16QAM	50	0	16.59	16.61	16.59	18	0
10	64QAM	1	0	16.51	16.61	16.47		
10	64QAM	1	25	16.59	16.49	16.55		
10	64QAM	1	49	16.57	16.45	16.54	18	0
10	64QAM	25	0	16.61	16.55	16.54		
10	64QAM	25	12	16.65	16.63	16.54		
10	64QAM	25	25	16.68	16.59	16.57		
10	64QAM	50	0	16.56	16.56	16.57		
10	256QAM	1	0	16.59	16.50	16.49	18	0
10	256QAM	1	25	16.64	16.53	16.52		
10	256QAM	1	49	16.70	16.49	16.64		
10	256QAM	25	0	16.58	16.49	16.59	18	0
10	256QAM	25	12	16.52	16.64	16.61		
10	256QAM	25	25	16.59	16.60	16.49		
10	256QAM	50	0	16.54	16.50	16.55	18	0
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.73	16.79	16.81	18	0
5	QPSK	1	12	16.61	16.65	16.68		
5	QPSK	1	24	16.56	16.63	16.79		
5	QPSK	12	0	16.59	16.65	16.63	18	0
5	QPSK	12	7	16.67	16.60	16.54		
5	QPSK	12	13	16.62	16.67	16.57		
5	QPSK	25	0	16.54	16.72	16.61		
5	16QAM	1	0	16.47	16.55	16.56	18	0
5	16QAM	1	12	16.61	16.59	16.65		
5	16QAM	1	24	16.71	16.63	16.54		
5	16QAM	12	0	16.59	16.56	16.60	18	0
5	16QAM	12	7	16.67	16.59	16.66		
5	16QAM	12	13	16.56	16.61	16.51		
5	16QAM	25	0	16.60	16.55	16.63	18	0
5	64QAM	1	0	16.65	16.57	16.57		
5	64QAM	1	12	16.57	16.50	16.59	18	0
5	64QAM	1	24	16.62	16.42	16.57		
5	64QAM	12	0	16.52	16.50	16.55	18	0
5	64QAM	12	7	16.67	16.54	16.57		
5	64QAM	12	13	16.57	16.53	16.59		
5	64QAM	25	0	16.62	16.46	16.52	18	0
5	256QAM	1	0	16.60	16.51	16.51		
5	256QAM	1	12	16.61	16.48	16.52		
5	256QAM	1	24	16.65	16.50	16.67		
5	256QAM	12	0	16.54	16.53	16.52	18	0
5	256QAM	12	7	16.53	16.54	16.60		
5	256QAM	12	13	16.60	16.49	16.55		
5	256QAM	25	0	16.59	16.50	16.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.64	16.85	16.71	18	0
3	QPSK	1	8	16.64	16.58	16.68		
3	QPSK	1	14	16.59	16.68	16.80		
3	QPSK	8	0	16.68	16.66	16.63	18	0
3	QPSK	8	4	16.69	16.60	16.52		
3	QPSK	8	7	16.65	16.68	16.59		
3	QPSK	15	0	16.59	16.61	16.56		
3	16QAM	1	0	16.58	16.65	16.52	18	0
3	16QAM	1	8	16.68	16.57	16.58		
3	16QAM	1	14	16.58	16.59	16.70		
3	16QAM	8	0	16.61	16.57	16.56	18	0
3	16QAM	8	4	16.68	16.59	16.61		
3	16QAM	8	7	16.70	16.67	16.50		
3	16QAM	15	0	16.63	16.64	16.58		
3	64QAM	1	0	16.69	16.54	16.56	18	0
3	64QAM	1	8	16.65	16.47	16.54		
3	64QAM	1	14	16.65	16.55	16.53		
3	64QAM	8	0	16.59	16.57	16.53	18	0
3	64QAM	8	4	16.54	16.55	16.59		
3	64QAM	8	7	16.57	16.62	16.48		
3	64QAM	15	0	16.52	16.47	16.60		
3	256QAM	1	0	16.55	16.56	16.53	18	0
3	256QAM	1	8	16.66	16.54	16.58		
3	256QAM	1	14	16.59	16.55	16.64		
3	256QAM	8	0	16.55	16.47	16.54	18	0
3	256QAM	8	4	16.49	16.55	16.53		
3	256QAM	8	7	16.48	16.60	16.45		
3	256QAM	15	0	16.60	16.53	16.55		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.71	16.77	16.75	18	0
1.4	QPSK	1	3	16.59	16.60	16.76		
1.4	QPSK	1	5	16.63	16.59	16.66		
1.4	QPSK	3	0	16.62	16.72	16.57		
1.4	QPSK	3	1	16.56	16.59	16.52		
1.4	QPSK	3	3	16.58	16.60	16.58		
1.4	QPSK	6	0	16.53	16.67	16.61	18	0
1.4	16QAM	1	0	16.55	16.61	16.52	18	0
1.4	16QAM	1	3	16.72	16.45	16.69		
1.4	16QAM	1	5	16.50	16.66	16.62		
1.4	16QAM	3	0	16.66	16.59	16.64		
1.4	16QAM	3	1	16.71	16.54	16.63		
1.4	16QAM	3	3	16.65	16.68	16.58		
1.4	16QAM	6	0	16.56	16.53	16.63	18	0
1.4	64QAM	1	0	16.59	16.52	16.54	18	0
1.4	64QAM	1	3	16.60	16.58	16.62		
1.4	64QAM	1	5	16.67	16.46	16.60		
1.4	64QAM	3	0	16.56	16.58	16.48		
1.4	64QAM	3	1	16.54	16.59	16.57		
1.4	64QAM	3	3	16.60	16.56	16.48		
1.4	64QAM	6	0	16.64	16.59	16.58	18	0
1.4	256QAM	1	0	16.56	16.52	16.58	18	0
1.4	256QAM	1	3	16.58	16.57	16.48		
1.4	256QAM	1	5	16.66	16.56	16.63		
1.4	256QAM	3	0	16.48	16.51	16.57		
1.4	256QAM	3	1	16.46	16.61	16.61		
1.4	256QAM	3	3	16.49	16.62	16.51		
1.4	256QAM	6	0	16.56	16.46	16.69	18	0

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.92	19.02	18.95	20	0
20	QPSK	1	49	18.90	18.96	18.87		
20	QPSK	1	99	18.86	18.94	18.84		
20	QPSK	50	0	18.86	18.95	18.87	20	0
20	QPSK	50	24	18.84	18.93	18.85		
20	QPSK	50	50	18.82	18.91	18.85		
20	QPSK	100	0	18.82	18.92	18.83		
20	16QAM	1	0	18.81	18.89	18.80	20	0
20	16QAM	1	49	18.84	18.92	18.83		
20	16QAM	1	99	18.84	18.92	18.82		
20	16QAM	50	0	18.75	18.84	18.74	20	0
20	16QAM	50	24	18.80	18.85	18.77		
20	16QAM	50	50	18.72	18.79	18.74		
20	16QAM	100	0	18.72	18.82	18.72		
20	64QAM	1	0	18.79	18.86	18.76	20	0
20	64QAM	1	49	18.77	18.87	18.79		
20	64QAM	1	99	18.71	18.79	18.74		
20	64QAM	50	0	18.78	18.86	18.78	20	0
20	64QAM	50	24	18.79	18.85	18.79		
20	64QAM	50	50	18.79	18.84	18.77		
20	64QAM	100	0	18.75	18.83	18.77		
20	256QAM	1	0	18.24	18.40	18.38	19.5	0.5
20	256QAM	1	49	18.35	18.48	18.49		
20	256QAM	1	99	18.37	18.47	18.32		
20	256QAM	50	0	18.33	18.51	18.49	19.5	0.5
20	256QAM	50	24	18.32	18.40	18.39		
20	256QAM	50	50	18.37	18.36	18.31		
20	256QAM	100	0	18.37	18.41	18.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.82	18.97	18.86	20	0
15	QPSK	1	37	18.80	18.91	18.81		
15	QPSK	1	74	18.78	18.89	18.77		
15	QPSK	36	0	18.79	18.85	18.82	20	0
15	QPSK	36	20	18.76	18.88	18.75		
15	QPSK	36	39	18.74	18.81	18.76		
15	QPSK	75	0	18.75	18.84	18.73		
15	16QAM	1	0	18.76	18.84	18.73	20	0
15	16QAM	1	37	18.79	18.82	18.78		
15	16QAM	1	74	18.77	18.86	18.76		
15	16QAM	36	0	18.67	18.77	18.68	20	0
15	16QAM	36	20	18.74	18.78	18.67		
15	16QAM	36	39	18.66	18.70	18.67		
15	16QAM	75	0	18.64	18.75	18.64		
15	64QAM	1	0	18.71	18.76	18.69	20	0
15	64QAM	1	37	18.69	18.82	18.71		
15	64QAM	1	74	18.65	18.72	18.85		
15	64QAM	36	0	18.68	18.79	18.73	20	0
15	64QAM	36	20	18.71	18.74	18.73		
15	64QAM	36	39	18.73	18.76	18.66		
15	64QAM	75	0	18.70	18.78	18.69		
15	256QAM	1	0	18.25	18.41	18.39	19.5	0.5
15	256QAM	1	37	18.37	18.48	18.47		
15	256QAM	1	74	18.41	18.45	18.32		
15	256QAM	36	0	18.32	18.55	18.48	19.5	0.5
15	256QAM	36	20	18.35	18.39	18.38		
15	256QAM	36	39	18.35	18.39	18.34		
15	256QAM	75	0	18.36	18.41	18.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.85	18.97	18.89	20	0
10	QPSK	1	25	18.84	18.87	18.82		
10	QPSK	1	49	18.78	18.86	18.79		
10	QPSK	25	0	18.79	18.85	18.82	20	0
10	QPSK	25	12	18.77	18.84	18.76		
10	QPSK	25	25	18.77	18.83	18.75		
10	QPSK	50	0	18.75	18.86	18.76		
10	16QAM	1	0	18.71	18.83	18.70	20	0
10	16QAM	1	25	18.79	18.85	18.76		
10	16QAM	1	49	18.78	18.86	18.77		
10	16QAM	25	0	18.70	18.78	18.66	20	0
10	16QAM	25	12	18.71	18.77	18.71		
10	16QAM	25	25	18.66	18.73	18.68		
10	16QAM	50	0	18.66	18.74	18.62		
10	64QAM	1	0	18.69	18.76	18.66	20	0
10	64QAM	1	25	18.72	18.81	18.71		
10	64QAM	1	49	18.63	18.74	18.66		
10	64QAM	25	0	18.73	18.77	18.72	20	0
10	64QAM	25	12	18.73	18.78	18.74		
10	64QAM	25	25	18.73	18.77	18.66		
10	64QAM	50	0	18.67	18.75	18.70		
10	256QAM	1	0	18.24	18.40	18.39	19.5	0.5
10	256QAM	1	25	18.38	18.47	18.49		
10	256QAM	1	49	18.37	18.47	18.32		
10	256QAM	25	0	18.31	18.56	18.45	19.5	0.5
10	256QAM	25	12	18.37	18.42	18.39		
10	256QAM	25	25	18.32	18.40	18.31		
10	256QAM	50	0	18.33	18.41	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.86	18.97	18.86	20	0
5	QPSK	1	12	18.80	18.87	18.79		
5	QPSK	1	24	18.79	18.87	18.78		
5	QPSK	12	0	18.79	18.85	18.78	20	0
5	QPSK	12	7	18.76	18.85	18.77		
5	QPSK	12	13	18.72	18.85	18.77		
5	QPSK	25	0	18.74	18.84	18.75		
5	16QAM	1	0	18.73	18.82	18.71	20	0
5	16QAM	1	12	18.77	18.86	18.76		
5	16QAM	1	24	18.79	18.87	18.78		
5	16QAM	12	0	18.67	18.76	18.66	20	0
5	16QAM	12	7	18.72	18.78	18.72		
5	16QAM	12	13	18.64	18.72	18.69		
5	16QAM	25	0	18.67	18.72	18.63		
5	64QAM	1	0	18.73	18.76	18.74	20	0
5	64QAM	1	12	18.70	18.82	18.74		
5	64QAM	1	24	18.66	18.69	18.68		
5	64QAM	12	0	18.72	18.81	18.70	20	0
5	64QAM	12	7	18.71	18.74	18.67		
5	64QAM	12	13	18.69	18.79	18.69		
5	64QAM	25	0	18.67	18.77	18.68	19.5	0.5
5	256QAM	1	0	18.23	18.41	18.36		
5	256QAM	1	12	18.36	18.45	18.46		
5	256QAM	1	24	18.38	18.47	18.32		
5	256QAM	12	0	18.25	18.54	18.48	19.5	0.5
5	256QAM	12	7	18.33	18.39	18.43		
5	256QAM	12	13	18.33	18.40	18.35		
5	256QAM	25	0	18.33	18.42	18.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.86	18.94	18.87	20	0
3	QPSK	1	8	18.80	18.87	18.80		
3	QPSK	1	14	18.81	18.87	18.75		
3	QPSK	8	0	18.77	18.87	18.78	20	0
3	QPSK	8	4	18.79	18.84	18.78		
3	QPSK	8	7	18.74	18.85	18.77		
3	QPSK	15	0	18.72	18.84	18.76		
3	16QAM	1	0	18.72	18.84	18.75	20	0
3	16QAM	1	8	18.79	18.87	18.78		
3	16QAM	1	14	18.78	18.86	18.73		
3	16QAM	8	0	18.69	18.78	18.66	20	0
3	16QAM	8	4	18.70	18.76	18.72		
3	16QAM	8	7	18.66	18.72	18.66		
3	16QAM	15	0	18.63	18.76	18.67		
3	64QAM	1	0	18.73	18.77	18.69	20	0
3	64QAM	1	8	18.71	18.79	18.74		
3	64QAM	1	14	18.66	18.71	18.65		
3	64QAM	8	0	18.69	18.79	18.68	20	0
3	64QAM	8	4	18.74	18.75	18.74		
3	64QAM	8	7	18.73	18.77	18.64		
3	64QAM	15	0	18.66	18.73	18.68		
3	256QAM	1	0	18.23	18.47	18.38	19.5	0.5
3	256QAM	1	8	18.38	18.49	18.48		
3	256QAM	1	14	18.37	18.48	18.35		
3	256QAM	8	0	18.32	18.51	18.46	19.5	0.5
3	256QAM	8	4	18.34	18.47	18.39		
3	256QAM	8	7	18.32	18.40	18.34		
3	256QAM	15	0	18.37	18.39	18.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.84	18.93	18.88	20	0
1.4	QPSK	1	3	18.84	18.89	18.79		
1.4	QPSK	1	5	18.79	18.84	18.76		
1.4	QPSK	3	0	18.76	18.87	18.80		
1.4	QPSK	3	1	18.74	18.85	18.75		
1.4	QPSK	3	3	18.77	18.85	18.80		
1.4	QPSK	6	0	18.74	18.84	18.77	20	0
1.4	16QAM	1	0	18.73	18.79	18.72	20	0
1.4	16QAM	1	3	18.78	18.87	18.77		
1.4	16QAM	1	5	18.74	18.86	18.72		
1.4	16QAM	3	0	18.68	18.78	18.86		
1.4	16QAM	3	1	18.71	18.78	18.68		
1.4	16QAM	3	3	18.67	18.73	18.66		
1.4	16QAM	6	0	18.62	18.75	18.63	20	0
1.4	64QAM	1	0	18.69	18.77	18.66	20	0
1.4	64QAM	1	3	18.68	18.78	18.69		
1.4	64QAM	1	5	18.62	18.70	18.68		
1.4	64QAM	3	0	18.72	18.76	18.70		
1.4	64QAM	3	1	18.73	18.75	18.71		
1.4	64QAM	3	3	18.73	18.78	18.66		
1.4	64QAM	6	0	18.67	18.73	18.67	20	0
1.4	256QAM	1	0	18.23	18.41	18.41	19.5	0.5
1.4	256QAM	1	3	18.36	18.47	18.48		
1.4	256QAM	1	5	18.41	18.48	18.33		
1.4	256QAM	3	0	18.33	18.53	18.45		
1.4	256QAM	3	1	18.35	18.39	18.41		
1.4	256QAM	3	3	18.32	18.39	18.33		
1.4	256QAM	6	0	18.32	18.40	18.42	19.5	0.5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.12	24.03	25	0
10	QPSK	1	25	23.82	24.05	23.91		
10	QPSK	1	49	23.94	24.07	23.92		
10	QPSK	25	0	23.44	23.61	23.43	24.5	0.5
10	QPSK	25	12	23.38	23.53	23.39		
10	QPSK	25	25	23.29	23.47	23.32		
10	QPSK	50	0	23.30	23.55	23.36		
10	16QAM	1	0	23.42	23.49	23.35	24.5	0.5
10	16QAM	1	25	23.39	23.59	23.41		
10	16QAM	1	49	23.30	23.48	23.31		
10	16QAM	25	0	22.29	22.57	22.28	23.5	1.5
10	16QAM	25	12	22.43	22.46	22.30		
10	16QA

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.76	14.85	14.75	16	0
20	QPSK	1	49	14.73	14.81	14.71		
20	QPSK	1	99	14.62	14.72	14.68		
20	QPSK	50	0	14.74	14.80	14.72		
20	QPSK	50	24	14.71	14.76	14.70	16	0
20	QPSK	50	50	14.73	14.78	14.70		
20	QPSK	100	0	14.69	14.77	14.70		
20	16QAM	1	0	14.68	14.75	14.89	16	0
20	16QAM	1	49	14.72	14.78	14.89		
20	16QAM	1	99	14.71	14.77	14.72		
20	16QAM	50	0	14.70	14.79	14.73		
20	16QAM	50	24	14.68	14.74	14.88	16	0
20	16QAM	50	50	14.69	14.76	14.86		
20	16QAM	100	0	14.71	14.78	14.89		
20	64QAM	1	0	14.72	14.80	14.71		
20	64QAM	1	49	14.70	14.75	14.87	16	0
20	64QAM	1	99	14.70	14.79	14.89		
20	64QAM	50	0	14.70	14.77	14.72		
20	64QAM	50	24	14.64	14.71	14.62	16	0
20	64QAM	50	50	14.66	14.74	14.68		
20	64QAM	100	0	14.67	14.76	14.88		
20	256QAM	1	0	14.71	14.76	14.66		
20	256QAM	1	49	14.66	14.76	14.67	16	0
20	256QAM	1	99	14.73	14.76	14.73		
20	256QAM	50	0	14.70	14.77	14.67		
20	256QAM	50	24	14.69	14.75	14.68	16	0
20	256QAM	50	50	14.71	14.80	14.72		
20	256QAM	100	0	14.68	14.75	14.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.70	14.77	14.67	16	0
15	QPSK	1	37	14.67	14.74	14.64		
15	QPSK	1	74	14.59	14.71	14.59		
15	QPSK	36	0	14.62	14.70	14.61	16	0
15	QPSK	36	20	14.65	14.74	14.63		
15	QPSK	36	39	14.65	14.72	14.67		
15	QPSK	75	0	14.64	14.72	14.64		
15	16QAM	1	0	14.69	14.69	14.64		
15	16QAM	1	37	14.65	14.71	14.59	16	0
15	16QAM	1	74	14.62	14.72	14.62		
15	16QAM	36	0	14.62	14.73	14.65	16	0
15	16QAM	36	20	14.59	14.66	14.57		
15	16QAM	36	39	14.61	14.71	14.59		
15	16QAM	75	0	14.63	14.73	14.64		
15	64QAM	1	0	14.64	14.72	14.64		
15	64QAM	1	37	14.65	14.67	14.59	16	0
15	64QAM	1	74	14.65	14.74	14.64		
15	64QAM	36	0	14.61	14.70	14.66	16	0
15	64QAM	36	20	14.55	14.66	14.55		
15	64QAM	36	39	14.59	14.66	14.60		
15	64QAM	75	0	14.58	14.70	14.61		
15	256QAM	1	0	14.65	14.69	14.56	16	0
15	256QAM	1	37	14.61	14.68	14.61		
15	256QAM	1	74	14.64	14.71	14.67		
15	256QAM	36	0	14.62	14.69	14.57	16	0
15	256QAM	36	20	14.61	14.68	14.59		
15	256QAM	36	39	14.63	14.73	14.63		
15	256QAM	75	0	14.59	14.69	14.61		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.70	14.76	14.70	16	0
10	QPSK	1	25	14.67	14.76	14.64		
10	QPSK	1	49	14.58	14.67	14.61		
10	QPSK	25	0	14.61	14.71	14.64		
10	QPSK	25	12	14.64	14.71	14.63	16	0
10	QPSK	25	25	14.66	14.72	14.66		
10	QPSK	50	0	14.66	14.68	14.62		
10	16QAM	1	0	14.58	14.68	14.60	16	0
10	16QAM	1	25	14.63	14.70	14.60		
10	16QAM	1	49	14.63	14.67	14.65		
10	16QAM	25	0	14.61	14.74	14.68	16	0
10	16QAM	25	12	14.58	14.67	14.57		
10	16QAM	25	25	14.62	14.66	14.60		
10	16QAM	50	0	14.64	14.71	14.61		
10	64QAM	1	0	14.65	14.74	14.62	16	0
10	64QAM	1	25	14.61	14.68	14.62		
10	64QAM	1	49	14.64	14.71	14.64		
10	64QAM	25	0	14.60	14.69	14.67	16	0
10	64QAM	25	12	14.58	14.64	14.58		
10	64QAM	25	25	14.59	14.66	14.63		
10	64QAM	50	0	14.60	14.71	14.58		
10	256QAM	1	0	14.65	14.71	14.61	16	0
10	256QAM	1	25	14.58	14.66	14.62		
10	256QAM	1	49	14.65	14.72	14.66		
10	256QAM	25	0	14.65	14.69	14.61	16	0
10	256QAM	25	12	14.63	14.65	14.61		
10	256QAM	25	25	14.62	14.72	14.63		
10	256QAM	50	0	14.59	14.66	14.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.71	14.79	14.65	16	0
5	QPSK	1	12	14.63	14.71	14.62		
5	QPSK	1	24	14.65	14.69	14.59		
5	QPSK	12	0	14.61	14.70	14.61	16	0
5	QPSK	12	7	14.67	14.73	14.65		
5	QPSK	12	13	14.63	14.68	14.67		
5	QPSK	25	0	14.59	14.67	14.60		
5	16QAM	1	0	14.61	14.65	14.59	16	0
5	16QAM	1	12	14.63	14.69	14.62		
5	16QAM	1	24	14.65	14.70	14.62		
5	16QAM	12	0	14.63	14.69	14.63	16	0
5	16QAM	12	7	14.62	14.66	14.58		
5	16QAM	12	13	14.61	14.66	14.57		
5	16QAM	25	0	14.65	14.72	14.63		
5	64QAM	1	0	14.63	14.70	14.65	16	0
5	64QAM	1	12	14.60	14.66	14.59		
5	64QAM	1	24	14.63	14.73	14.64		
5	64QAM	12	0	14.61	14.67	14.64	16	0
5	64QAM	12	7	14.64	14.61	14.57		
5	64QAM	12	13	14.60	14.64	14.61		
5	64QAM	25	0	14.62	14.69	14.59		
5	256QAM	1	0	14.61	14.68	14.56	16	0
5	256QAM	1	12	14.59	14.67	14.60		
5	256QAM	1	24	14.66	14.70	14.66		
5	256QAM	12	0	14.61	14.71	14.58	16	0
5	256QAM	12	7	14.61	14.67	14.58		
5	256QAM	12	13	14.66	14.74	14.65		
5	256QAM	25	0	14.63	14.68	14.59		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.25	17.35	17.30	18.5	0
20	QPSK	1	49	17.23	17.26	17.29		
20	QPSK	1	99	17.14	17.27	17.20		
20	QPSK	50	0	17.19	17.27	17.24		
20	QPSK	50	24	17.15	17.26	17.19	18.5	0
20	QPSK	50	50	17.18	17.23	17.19		
20	QPSK	100	0	17.07	17.26	17.11		
20	16QAM	1	0	17.13	17.24	17.19	18.5	0
20	16QAM	1	49	17.18	17.23	17.14		
20	16QAM	1	99	17.05	17.16	17.14		
20	16QAM	50	0	17.09	17.19	17.14		
20	16QAM	50	24	17.16	17.22	17.22	18.5	0
20	16QAM	50	50	17.09	17.13	17.11		
20	16QAM	100	0	17.16	17.12	17.11		
20	64QAM	1	0	17.13	17.14	17.17	18.5	0
20	64QAM	1	49	17.04	17.15	17.17		
20	64QAM	1	99	17.16	17.13	17.20		
20	64QAM	50	0	17.11	17.22	17.21		
20	64QAM	50	24	17.17	17.15	17.14	18.5	0
20	64QAM	50	50	17.11	17.19	17.15		
20	64QAM	100	0	17.12	17.25	17.14		
20	256QAM	1	0	17.04	17.23	17.16		
20	256QAM	1	49	17.16	17.20	17.13	18.5	0
20	256QAM	1	99	17.13	17.23	17.14		
20	256QAM	50	0	17.04	17.25	17.17		
20	256QAM	50	24	17.04	17.24	17.20	18.5	0
20	256QAM	50	50	17.08	17.20	17.21		
20	256QAM	100	0	17.08	17.18	17.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.11	17.29	17.24	18.5	0
15	QPSK	1	37	17.17	17.22	17.23		
15	QPSK	1	74	17.08	17.25	17.14		
15	QPSK	36	0	17.08	17.25	17.20	18.5	0
15	QPSK	36	20	17.14	17.14	17.15		
15	QPSK	36	39	17.03	17.11	17.06		
15	QPSK	75	0	17.02	17.18	16.98		
15	16QAM	1	0	17.04	17.22	17.16	18.5	0
15	16QAM	1	37	17.04	17.08	17.01		
15	16QAM	1	74	16.97	17.06	17.13		
15	16QAM	36	0	17.08	17.14	17.10	18.5	0
15	16QAM	36	20	17.12	17.15	17.07		
15	16QAM	36	39	17.02	17.09	17.02		
15	16QAM	75	0	17.07	17.01	17.05		
15	64QAM	1	0	16.99	17.09	17.09	18.5	0
15	64QAM	1	37	17.01	17.04	17.03		
15	64QAM	1	74	17.11	17.11	17.08		
15	64QAM	36	0	17.04	17.08	17.10	18.5	0
15	64QAM	36	20	17.08	17.02	17.03		
15	64QAM	36	39	17.01	17.09	17.04		
15	64QAM	75	0	17.10	17.15	17.03		
15	256QAM	1	0	17.06	17.16	17.13	18.5	0
15	256QAM	1	37	17.06	17.07	17.08		
15	256QAM	1	74	17.03	17.19	17.05		
15	256QAM	36	0	17.00	17.20	17.03	18.5	0
15	256QAM	36	20	16.94	17.13	17.05		
15	256QAM	36	39	17.01	17.15	17.14		
15	256QAM	75	0	17.00	17.10	17.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.10	17.16	17.32	18.5	0
10	QPSK	1	25	17.20	17.17	17.16		
10	QPSK	1	49	17.10	17.19	17.19		
10	QPSK	25	0	17.16	17.17	17.09		
10	QPSK	25	12	17.07	17.24	17.11	18.5	0
10	QPSK	25	25	17.11	17.12	17.15		
10	QPSK	50	0	16.97	17.11	17.00		
10	16QAM	1	0	17.00	17.12	17.04	18.5	0
10	16QAM	1	25	17.16	17.19	17.09		
10	16QAM	1	49	16.93	17.06	17.07		
10	16QAM	25	0	16.94	17.08	17.06	18.5	0
10	16QAM	25	12	17.15	17.14	17.10		
10	16QAM	25	25	17.04	17.01	17.06		
10	16QAM	50	0	17.09	17.03	16.97		
10	64QAM	1	0	17.02	17.10	17.06	18.5	0
10	64QAM	1	25	16.94	17.02	17.04		
10	64QAM	1	49	17.15	17.10	17.14		
10	64QAM	25	0	17.02	17.08	17.17	18.5	0
10	64QAM	25	12	17.07	17.02	17.03		
10	64QAM	25	25	17.10	17.11	17.13		
10	64QAM	50	0	17.09	17.18	17.09		
10	256QAM	1	0	16.96	17.11	17.06	18.5	0
10	256QAM	1	25	17.08	17.14	17.11		
10	256QAM	1	49	17.04	17.09	17.02		
10	256QAM	25	0	16.89	17.11	17.02	18.5	0
10	256QAM	25	12	17.02	17.17	17.10		
10	256QAM	25	25	16.98	17.19	17.16		
10	256QAM	50	0	17.03	17.12	17.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.15	17.28	17.28	18.5	0
5	QPSK	1	12	17.09	17.11	17.21		
5	QPSK	1	24	17.08	17.26	17.06		
5	QPSK	12	0	17.08	17.26	17.11	18.5	0
5	QPSK	12	7	17.01	17.23	17.14		
5	QPSK	12	13	17.10	17.16	17.18		
5	QPSK	25	0	17.04	17.14	17.00		
5	16QAM	1	0	17.08	17.18	17.06	18.5	0
5	16QAM	1	12	17.12	17.14	17.13		
5	16QAM	1	24	16.91	17.07	17.10		
5	16QAM	12	0	16.96	17.05	17.07	18.5	0
5	16QAM	12	7	17.01	17.15	17.11		
5	16QAM	12	13	16.97	17.12	16.97		
5	16QAM	25	0	17.09	17.01	17.01		
5	64QAM	1	0	17.00	17.08	17.04	18.5	0
5	64QAM	1	12	16.90	17.06	17.04		
5	64QAM	1	24	17.01	17.10	17.17		
5	64QAM	12	0	17.03	17.17	17.12	18.5	0
5	64QAM	12	7	17.14	17.08	17.01		
5	64QAM	12	13	17.04	17.04	17.07		
5	64QAM	25	0	17.05	17.20	17.00		
5	256QAM	1	0	16.97	17.14	17.10	18.5	0
5	256QAM	1	12	17.09	17.10	17.09		
5	256QAM	1	24	17.12	17.08	17.07		
5	256QAM	12	0	16.91	17.15	17.09	18.5	0
5	256QAM	12	7	16.98	17.18	17.08		
5	256QAM	12	13	17.01	17.14	17.16		
5	256QAM	25	0	16.93	17.05	17.14		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.27	16.47	16.31	17.5	0
20	QPSK	1	49	16.18	16.17	16.07		
20	QPSK	1	99	16.16	16.34	16.25		
20	QPSK	50	0	16.31	16.38	16.35		
20	QPSK	50	24	16.12	16.31	16.05	17.5	0
20	QPSK	50	50	16.18	15.99	16.24		
20	QPSK	100	0	16.28	16.31	16.10		
20	16QAM	1	0	16.26	16.10	16.28	17.5	0
20	16QAM	1	49	16.10	16.19	16.23		
20	16QAM	1	99	16.13	16.29	16.19		
20	16QAM	50	0	16.23	16.03	16.05		
20	16QAM	50	24	16.31	16.23	16.01	17.5	0
20	16QAM	50	50	16.23	16.18	15.96		
20	16QAM	100	0	16.23	16.12	16.03		
20	64QAM	1	0	16.08	16.08	16.25	17.5	0
20	64QAM	1	49	16.04	16.10	16.28		
20	64QAM	1	99	16.30	16.20	16.25		
20	64QAM	50	0	16.09	16.10	16.14		
20	64QAM	50	24	16.22	16.19	16.16	17.5	0
20	64QAM	50	50	16.18	16.01	16.07		
20	64QAM	100	0	16.14	16.23	15.95		
20	256QAM	1	0	16.06	15.91	16.04	17.5	0
20	256QAM	1	49	15.90	15.94	15.93		
20	256QAM	1	99	16.00	16.05	15.98		
20	256QAM	50	0	16.01	16.08	16.00		
20	256QAM	50	24	16.16	15.93	16.04	17.5	0
20	256QAM	50	50	15.98	16.11	16.09		
20	256QAM	100	0	16.11	16.13	16.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.06	16.25	16.03	17.5	0
15	QPSK	1	37	16.08	15.90	15.86		
15	QPSK	1	74	15.98	16.21	16.10		
15	QPSK	36	0	16.16	16.15	16.08	17.5	0
15	QPSK	36	20	15.97	16.04	15.94		
15	QPSK	36	39	15.99	15.73	16.10		
15	QPSK	75	0	16.10	16.13	15.94		
15	16QAM	1	0	16.03	15.85	16.13	17.5	0
15	16QAM	1	37	15.85	15.99	15.98		
15	16QAM	1	74	15.86	16.19	16.00		
15	16QAM	36	0	15.95	15.85	15.89	17.5	0
15	16QAM	36	20	16.13	16.10	15.78		
15	16QAM	36	39	16.12	15.98	15.80		
15	16QAM	75	0	15.99	15.89	15.85		
15	64QAM	1	0	15.87	15.89	15.95	17.5	0
15	64QAM	1	37	16.13	15.77	15.98		
15	64QAM	1	74	16.19	16.09	16.09		
15	64QAM	36	0	15.91	15.91	15.84	17.5	0
15	64QAM	36	20	15.95	16.00	15.90		
15	64QAM	36	39	15.89	15.80	15.93		
15	64QAM	75	0	15.95	16.11	15.79		
15	256QAM	1	0	15.94	15.69	15.90	17.5	0
15	256QAM	1	37	15.71	15.72	15.78		
15	256QAM	1	74	15.81	15.81	15.81		
15	256QAM	36	0	15.90	15.95	15.84	17.5	0
15	256QAM	36	20	15.92	15.78	15.84		
15	256QAM	36	39	15.71	15.83	15.94		
15	256QAM	75	0	15.95	15.79	15.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.03	16.15	16.09	17.5	0
10	QPSK	1	25	15.90	15.99	15.86		
10	QPSK	1	49	16.03	16.04	16.05		
10	QPSK	25	0	16.14	16.09	16.08		
10	QPSK	25	12	15.91	16.15	15.90	17.5	0
10	QPSK	25	25	15.98	15.86	16.00		
10	QPSK	50	0	16.01	16.10	15.91		
10	16QAM	1	0	16.02	15.88	15.98	17.5	0
10	16QAM	1	25	15.90	16.01	15.95		
10	16QAM	1	49	15.87	16.12	15.94		
10	16QAM	25	0	15.93	15.79	15.75	17.5	0
10	16QAM	25	12	16.14	16.01	15.81		
10	16QAM	25	25	15.96	15.92	15.86		
10	16QAM	50	0	15.97	15.93	15.86		
10	64QAM	1	0	15.83	15.87	16.09	17.5	0
10	64QAM	1	25	16.12	15.93	16.08		
10	64QAM	1	49	16.07	16.08	15.98		
10	64QAM	25	0	15.99	15.81	15.86	17.5	0
10	64QAM	25	12	16.01	16.09	15.91		
10	64QAM	25	25	16.06	15.82	15.88		
10	64QAM	50	0	16.02	16.01	15.70		
10	256QAM	1	0	15.94	15.74	15.91	17.5	0
10	256QAM	1	25	15.71	15.74	15.77		
10	256QAM	1	49	15.75	15.90	15.85		
10	256QAM	25	0	15.81	15.83	15.80	17.5	0
10	256QAM	25	12	15.98	15.77	15.82		
10	256QAM	25	25	15.74	15.99	15.91		
10	256QAM	50	0	15.91	15.76	15.96		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.97	16.14	16.15	17.5	0
5	QPSK	1	12	16.05	15.93	15.94		
5	QPSK	1	24	15.97	16.08	15.99		
5	QPSK	12	0	16.02	16.23	16.03	17.5	0
5	QPSK	12	7	15.99	16.13	15.77		
5	QPSK	12	13	15.92	15.96	16.01		
5	QPSK	25	0	15.97	16.09	15.79		
5	16QAM	1	0	16.04	15.99	16.00	17.5	0
5	16QAM	1	12	16.00	15.93	15.99		
5	16QAM	1	24	15.88	16.10	15.97		
5	16QAM	12	0	16.04	15.78	15.92	17.5	0
5	16QAM	12	7	16.14	16.08	15.72		
5	16QAM	12	13	16.10	16.02	15.77		
5	16QAM	25	0	15.96	15.84	15.91		
5	64QAM	1	0	15.85	15.74	16.07	17.5	0
5	64QAM	1	12	16.10	15.90	16.14		
5	64QAM	1	24	16.13	16.02	16.11		
5	64QAM	12	0	15.91	16.00	15.88	17.5	0
5	64QAM	12	7	15.93	15.69	15.99		
5	64QAM	12	13	16.02	15.88	15.83		
5	64QAM	25	0	15.96	16.07	15.73		
5	256QAM	1	0	15.86	15.79	15.76	17.5	0
5	256QAM	1	12	15.80	15.69	15.75		
5	256QAM	1	24	15.79	15.83	15.81		
5	256QAM	12	0	15.87	15.95	15.83	17.5	0
5	256QAM	12	7	15.86	15.77	15.87		
5	256QAM	12	13	15.82	15.84	15.79		
5	256QAM	25	0	15.93	15.70	15.93		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.45	16.64	16.47	17.5	0
20	QPSK	1	49	16.43	16.53	16.44		
20	QPSK	1	99	16.43	16.56	16.42		
20	QPSK	50	0	16.41	16.50	16.42		
20	QPSK	50	24	16.33	16.38	16.35	17.5	0
20	QPSK	50	50	16.37	16.46	16.37		
20	QPSK	100	0	16.32	16.39	16.35		
20	16QAM	1	0	16.45	16.42	16.46	17.5	0
20	16QAM	1	49	16.34	16.53	16.55		
20	16QAM	1	99	16.48	16.30	16.56		
20	16QAM	50	0	16.31	16.41	16.44		
20	16QAM	50	24	16.35	16.40	16.37

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.13	24.16	24.10	25	0
15	QPSK	1	37	24.00	24.05	23.98		
15	QPSK	1	74	23.98	24.08	24.01		
15	QPSK	36	0	23.62	23.66	23.61	24.5	0.5
15	QPSK	36	20	23.60	23.62	23.60		
15	QPSK	36	39	23.60	23.52	23.59		
15	QPSK	75	0	23.62	23.64	23.58		
15	16QAM	1	0	23.73	23.80	23.87	24.5	0.5
15	16QAM	1	37	23.79	23.87	23.91		
15	16QAM	1	74	23.84	23.87	23.90		
15	16QAM	36	0	22.56	22.56	22.74	23.5	1.5
15	16QAM	36	20	22.57	22.62	22.68		
15	16QAM	36	39	22.58	22.64	22.64		
15	16QAM	75	0	22.56	22.56	22.72		
15	64QAM	1	0	22.66	22.73	22.79	23.5	1.5
15	64QAM	1	37	22.71	22.76	22.80		
15	64QAM	1	74	22.75	22.77	22.81		
15	64QAM	36	0	21.57	21.49	21.72	22.5	2.5
15	64QAM	36	20	21.56	21.57	21.69		
15	64QAM	36	39	21.57	21.62	21.68		
15	64QAM	75	0	21.52	21.56	21.70		
15	256QAM	1	0	19.60	19.62	19.60	20.5	4.5
15	256QAM	1	37	19.52	19.58	19.40		
15	256QAM	1	74	19.57	19.62	19.60		
15	256QAM	36	0	19.50	19.57	19.55	20.5	4.5
15	256QAM	36	20	19.51	19.57	19.54		
15	256QAM	36	39	19.57	19.58	19.54		
15	256QAM	75	0	19.43	19.51	19.59		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.06	24.02	23.96	25	0
10	QPSK	1	25	23.98	23.95	23.85		
10	QPSK	1	49	23.96	24.00	23.97		
10	QPSK	25	0	23.58	23.62	23.56	24.5	0.5
10	QPSK	25	12	23.51	23.58	23.57		
10	QPSK	25	25	23.50	23.42	23.51		
10	QPSK	50	0	23.50	23.53	23.47		
10	16QAM	1	0	23.65	23.72	23.81	24.5	0.5
10	16QAM	1	25	23.71	23.84	23.85		
10	16QAM	1	49	23.78	23.85	23.86		
10	16QAM	25	0	22.55	22.44	22.65	23.5	1.5
10	16QAM	25	12	22.52	22.48	22.58		
10	16QAM	25	25	22.54	22.56	22.54		
10	16QAM	50	0	22.50	22.52	22.63		
10	64QAM	1	0	22.66	22.61	22.77	23.5	1.5
10	64QAM	1	25	22.62	22.71	22.78		
10	64QAM	1	49	22.64	22.72	22.78		
10	64QAM	25	0	21.47	21.47	21.70	22.5	2.5
10	64QAM	25	12	21.49	21.47	21.58		
10	64QAM	25	25	21.55	21.54	21.59		
10	64QAM	50	0	21.49	21.48	21.64		
10	256QAM	1	0	19.50	19.51	19.52	20.5	4.5
10	256QAM	1	25	19.43	19.49	19.48		
10	256QAM	1	49	19.55	19.50	19.58		
10	256QAM	25	0	19.48	19.48	19.49	20.5	4.5
10	256QAM	25	12	19.44	19.48	19.47		
10	256QAM	25	25	19.46	19.57	19.49		
10	256QAM	50	0	19.37	19.48	19.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.08	24.07	23.99	25	0
5	QPSK	1	12	23.90	23.98	23.93		
5	QPSK	1	24	23.84	23.95	23.92		
5	QPSK	12	0	23.53	23.62	23.57	24.5	0.5
5	QPSK	12	7	23.57	23.53	23.56		
5	QPSK	12	13	23.50	23.44	23.48		
5	QPSK	25	0	23.56	23.52	23.55		
5	16QAM	1	0	23.63	23.76	23.84	24.5	0.5
5	16QAM	1	12	23.71	23.85	23.81		
5	16QAM	1	24	23.83	23.77	23.82		
5	16QAM	12	0	22.45	22.54	22.72	23.5	1.5
5	16QAM	12	7	22.47	22.50	22.57		
5	16QAM	12	13	22.46	22.61	22.57		
5	16QAM	25	0	22.51	22.53	22.69		
5	64QAM	1	0	22.62	22.63	22.67	23.5	1.5
5	64QAM	1	12	22.67	22.67	22.80		
5	64QAM	1	24	22.74	22.70	22.74		
5	64QAM	12	0	21.54	21.44	21.69	22.5	2.5
5	64QAM	12	7	21.57	21.46	21.62		
5	64QAM	12	13	21.54	21.50	21.57		
5	64QAM	25	0	21.42	21.50	21.66		
5	256QAM	1	0	19.53	19.59	19.59	20.5	4.5
5	256QAM	1	12	19.51	19.49	19.39		
5	256QAM	1	24	19.57	19.53	19.59		
5	256QAM	12	0	19.40	19.55	19.49	20.5	4.5
5	256QAM	12	7	19.49	19.50	19.49		
5	256QAM	12	13	19.46	19.48	19.49		
5	256QAM	25	0	19.34	19.45	19.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.10	24.08	24.01	25	0
3	QPSK	1	8	23.92	23.97	23.93		
3	QPSK	1	14	23.91	24.06	23.92		
3	QPSK	8	0	23.55	23.56	23.60	24.5	0.5
3	QPSK	8	4	23.50	23.53	23.52		
3	QPSK	8	7	23.52	23.48	23.57		
3	QPSK	15	0	23.52	23.55	23.46		
3	16QAM	1	0	23.68	23.70	23.83	24.5	0.5
3	16QAM	1	8	23.69	23.82	23.82		
3	16QAM	1	14	23.79	23.83	23.84		
3	16QAM	8	0	22.46	22.50	22.68	23.5	1.5
3	16QAM	8	4	22.53	22.51	22.62		
3	16QAM	8	7	22.55	22.58	22.56		
3	16QAM	15	0	22.47	22.52	22.70		
3	64QAM	1	0	22.67	22.74	22.71	23.5	1.5
3	64QAM	1	8	22.66	22.71	22.82		
3	64QAM	1	14	22.65	22.74	22.80		
3	64QAM	8	0	21.55	21.39	21.71	22.5	2.5
3	64QAM	8	4	21.49	21.53	21.62		
3	64QAM	8	7	21.52	21.61	21.61		
3	64QAM	15	0	21.44	21.47	21.60		
3	256QAM	1	0	19.58	19.52	19.52	20.5	4.5
3	256QAM	1	8	19.49	19.53	19.40		
3	256QAM	1	14	19.49	19.58	19.50		
3	256QAM	8	0	19.42	19.45	19.51	20.5	4.5
3	256QAM	8	4	19.46	19.47	19.51		
3	256QAM	8	7	19.49	19.54	19.42		
3	256QAM	15	0	19.39	19.42	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.12	24.14	24.02	25	0
1.4	QPSK	1	3	23.86	23.94	23.91		
1.4	QPSK	1	5	23.78	24.00	23.90		
1.4	QPSK	3	0	23.92	23.99	23.98		
1.4	QPSK	3	1	23.80	23.88	23.90		
1.4	QPSK	3	3	23.71	23.83	23.72		
1.4	QPSK	6	0	23.55	23.54	23.53	24.5	0.5
1.4	16QAM	1	0	23.69	23.71	23.81	24.5	0.5
1.4	16QAM	1	3	23.69	23.85	23.90		
1.4	16QAM	1	5	23.75	23.94	23.86		
1.4	16QAM	3	0	23.61	23.69	23.75		
1.4	16QAM	3	1	23.68	23.77	23.87		
1.4	16QAM	3	3	23.74	23.67	23.82		
1.4	16QAM	6	0	22.56	22.59	22.67	23.5	1.5
1.4	64QAM	1	0	22.58	22.68	22.67	23.5	1.5
1.4	64QAM	1	3	22.64	22.77	22.71		
1.4	64QAM	1	5	22.70	22.76	22.71		
1.4	64QAM	3	0	22.61	22.68	22.57		
1.4	64QAM	3	1	22.62	22.73	22.68		
1.4	64QAM	3	3	22.67	22.66	22.59	22.5	2.5
1.4	64QAM	6	0	21.43	21.53	21.59		
1.4	256QAM	1	0	19.51	19.52	19.53	20.5	4.5
1.4	256QAM	1	3	19.46	19.55	19.43		
1.4	256QAM	1	5	19.57	19.61	19.50		
1.4	256QAM	3	0	19.41	19.46	19.50		
1.4	256QAM	3	1	19.49	19.53	19.49		
1.4	256QAM	3	3	19.48	19.56	19.44		
1.4	256QAM	6	0	19.34	19.39	19.49	20.5	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.83	19.96	19.86	21.5	0
15	QPSK	1	37	19.78	19.81	19.81		
15	QPSK	1	74	19.75	19.85	19.80		
15	QPSK	36	0	19.73	19.86	19.71	21.5	0
15	QPSK	36	20	19.64	19.78	19.62		
15	QPSK	36	39	19.65	19.74	19.68		
15	QPSK	75	0	19.61	19.76	19.59		
15	16QAM	1	0	19.60	19.76	19.66	21.5	0
15	16QAM	1	37	19.65	19.80	19.69		
15	16QAM	1	74	19.72	19.81	19.68		
15	16QAM	36	0	19.69	19.74	19.61	21.5	0
15	16QAM	36	20	19.69	19.84	19.70		
15	16QAM	36	39	19.69	19.80	19.65		
15	16QAM	75	0	19.66	19.79	19.59		
15	64QAM	1	0	19.64	19.74	19.65	21.5	0
15	64QAM	1	37	19.64	19.76	19.62		
15	64QAM	1	74	19.61	19.84	19.66		
15	64QAM	36	0	19.72	19.81	19.65	21.5	0
15	64QAM	36	20	19.59	19.76	19.65		
15	64QAM	36	39	19.71	19.81	19.70		
15	64QAM	75	0	19.63	19.71	19.64		
15	256QAM	1	0	18.69	18.77	18.56	20.5	1
15	256QAM	1	37	18.70	18.74	18.60		
15	256QAM	1	74	18.58	18.75	18.64		
15	256QAM	36	0	18.68	18.83	18.63	20.5	1
15	256QAM	36	20	18.71	18.76	18.66		
15	256QAM	36	39	18.61	18.74	18.61		
15	256QAM	75	0	18.71	18.77	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.70	19.95	19.71	21.5	0
10	QPSK	1	25	19.70	19.70	19.72		
10	QPSK	1	49	19.62	19.77	19.75		
10	QPSK	25	0	19.65	19.71	19.62	21.5	0
10	QPSK	25	12	19.62	19.66	19.53		
10	QPSK	25	25	19.51	19.67	19.66		
10	QPSK	50	0	19.68	19.69	19.52		
10	16QAM	1	0	19.66	19.74	19.65	21.5	0
10	16QAM	1	25	19.61	19.65	19.56		
10	16QAM	1	49	19.71	19.71	19.56		
10	16QAM	25	0	19.56	19.65	19.66	21.5	0
10	16QAM	25	12	19.59	19.73	19.59		
10	16QAM	25	25	19.63	19.78	19.56		
10	16QAM	50	0	19.65	19.74	19.55		
10	64QAM	1	0	19.54	19.63	19.52	21.5	0
10	64QAM	1	25	19.53	19.70	19.59		
10	64QAM	1	49	19.57	19.83	19.64		
10	64QAM	25	0	19.70	19.68	19.62	21.5	0
10	64QAM	25	12	19.66	19.63	19.58		
10	64QAM	25	25	19.67	19.77	19.64		
10	64QAM	50	0	19.52	19.61	19.57		
10	256QAM	1	0	18.54	18.66	18.53	20.5	1
10	256QAM	1	25	18.62	18.67	18.57		
10	256QAM	1	49	18.50	18.61	18.63		
10	256QAM	25	0	18.53	18.82	18.61	20.5	1
10	256QAM	25	12	18.59	18.67	18.51		
10	256QAM	25	25	18.54	18.65	18.55		
10	256QAM	50	0	18.62	18.63	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.72	19.84	19.81	21.5	0
5	QPSK	1	12	19.72	19.71	19.71		
5	QPSK	1	24	19.73	19.80	19.70		
5	QPSK	12	0	19.65	19.75	19.66	21.5	0
5	QPSK	12	7	19.59	19.67	19.60		
5	QPSK	12	13	19.56	19.68	19.60		
5	QPSK	25	0	19.67	19.67	19.57		
5	16QAM	1	0	19.66	19.81	19.62	21.5	0
5	16QAM	1	12	19.63	19.71	19.64		
5	16QAM	1	24	19.65	19.71	19.58		
5	16QAM	12	0	19.56	19.59	19.66	21.5	0
5	16QAM	12	7	19.64	19.82	19.58		
5	16QAM	12	13	19.59	19.79	19.59		
5	16QAM	25	0	19.59	19.64	19.54		
5	64QAM	1	0	19.58	19.68	19.61	21.5	0
5	64QAM	1	12	19.62	19.69	19.50		
5	64QAM	1	24	19.51	19.78	19.53		
5	64QAM	12	0	19.66	19.74	19.53	21.5	0
5	64QAM	12	7	19.65	19.74	19.58		
5	64QAM	12	13	19.68	19.81	19.58		
5	64QAM	25	0	19.51	19.61	19.69		
5	256QAM	1	0	18.66	18.67	18.53	20.5	1
5	256QAM	1	12	18.61	18.61	18.59		
5	256QAM	1	24	18.51	18.64	18.56		
5	256QAM	12	0	18.60	18.76	18.57	20.5	1
5	256QAM	12	7	18.60	18.64	18.58		
5	256QAM	12	13	18.60	18.72	18.50		
5	256QAM	25	0	18.61	18.75	18.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.74	19.88	19.85	21.5	0
3	QPSK	1	8	19.75	19.71	19.72		
3	QPSK	1	14	19.60	19.79	19.66		
3	QPSK	8	0	19.59	19.84	19.60	21.5	0
3	QPSK	8	4	19.56	19.76	19.67		
3	QPSK	8	7	19.58	19.62	19.59		
3	QPSK	15	0	19.66	19.83	19.65		
3	16QAM	1	0	19.52	19.85	19.52	21.5	0
3	16QAM	1	8	19.60	19.69	19.68		
3	16QAM	1	14	19.61	19.79	19.60		
3	16QAM	8	0	19.58	19.70	19.54	21.5	0
3	16QAM	8	4	19.67	19.82	19.69		
3	16QAM	8	7	19.54	19.66	19.64		
3	16QAM	15	0	19.65	19.71	19.54		
3	64QAM	1	0	19.69	19.87	19.51	21.5	0
3	64QAM	1	8	19.59	19.84	19.55		
3	64QAM	1	14	19.59	19.81	19.61		
3	64QAM	8	0	19.71	19.70	19.59	21.5	0
3	64QAM	8	4	19.69	19.83	19.56		
3	64QAM	8	7	19.66	19.80	19.58		
3	64QAM	15	0	19.59	19.83	19.61		
3	256QAM	1	0	18.66	18.74	18.59	20.5	1
3	256QAM	1	8	18.67	18.64	18.56		
3	256QAM	1	14	18.56	18.71	18.55		
3	256QAM	8	0	18.67	18.78	18.56	20.5	1
3	256QAM	8	4	18.64	18.73	18.52		
3	256QAM	8	7	18.52	18.61	18.56		
3	256QAM	15	0	18.62	18.73	18.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.82	19.88	19.84	21.5	0
1.4	QPSK	1	3	19.64	19.70	19.71		
1.4	QPSK	1	5	19.73	19.72	19.71		
1.4	QPSK	3	0	19.62	19.75	19.58		
1.4	QPSK	3	1	19.53	19.65	19.50		
1.4	QPSK	3	3	19.56	19.70	19.53		
1.4	QPSK	6	0	19.52	19.74	19.51	21.5	0
1.4	16QAM	1	0	19.58	19.70	19.54	21.5	0
1.4	16QAM	1	3	19.61	19.68	19.61		
1.4	16QAM	1	5	19.61	19.72	19.67		
1.4	16QAM	3	0	19.57	19.61	19.57		
1.4	16QAM	3	1	19.57	19.81	19.55		
1.4	16QAM	3	3	19.68	19.72	19.59		
1.4	16QAM	6	0	19.60	19.67	19.53	21.5	0
1.4	64QAM	1	0	19.61	19.71	19.52	21.5	0
1.4	64QAM	1	3	19.54	19.69	19.53		
1.4	64QAM	1	5	19.51	19.80	19.60		
1.4	64QAM	3	0	19.58	19.73	19.59		
1.4	64QAM	3	1	19.51	19.73	19.50		
1.4	64QAM	3	3	19.66	19.72	19.62		
1.4	64QAM	6	0	19.55	19.59	19.51	21.5	0
1.4	256QAM	1	0	18.68	18.76	18.54	20.5	1
1.4	256QAM	1	3	18.59	18.67	18.50		
1.4	256QAM	1	5	18.57	18.73	18.63		
1.4	256QAM	3	0	18.64	18.77	18.61		
1.4	256QAM	3	1	18.63	18.65	18.59		
1.4	256QAM	3	3	18.58	18.83	18.50		
1.4	256QAM	6	0	18.65	18.76	18.54	20.5	1

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.50	12.62	12.51	14	0
20	QPSK	1	49	12.45	12.49	12.45		
20	QPSK	1	99	12.36	12.50	12.35		
20	QPSK	50	0	12.47	12.49	12.48	14	0
20	QPSK	50	24	12.46	12.38	12.38		
20	QPSK	50	50	12.44	12.47	12.41		
20	QPSK	100	0	12.35	12.47	12.43		
20	16QAM	1	0	12.36	12.44	12.44	14	0
20	16QAM	1	49	12.46	12.40	12.51		
20	16QAM	1	99	12.44	12.35	12.39		
20	16QAM	50	0	12.37	12.49	12.35	14	0
20	16QAM	50	24	12.37	12.38	12.48		
20	16QAM	50	50	12.43	12.42	12.41		
20	16QAM	100	0	12.52	12.40	12.41		
20	64QAM	1	0	12.38	12.46	12.44	14	0
20	64QAM	1	49	12.46	12.42	12.46		
20	64QAM	1	99	12.44	12.44	12.39		
20	64QAM	50	0	12.41	12.44	12.37	14	0
20	64QAM	50	24	12.43	12.39	12.43		
20	64QAM	50	50	12.34	12.38	12.43		
20	64QAM	100	0	12.47	12.45	12.42		
20	256QAM	1	0	12.30	12.29	12.24	14	0
20	256QAM	1	49	12.31	12.34	12.42		
20	256QAM	1	99	12.42	12.36	12.47		
20	256QAM	50	0	12.41	12.40	12.43	14	0
20	256QAM	50	24	12.32	12.37	12.37		
20	256QAM	50	50	12.44	12.45	12.36		
20	256QAM	100	0	12.45	12.41	12.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.36	12.61	12.46	14	0
15	QPSK	1	37	12.35	12.45	12.33		
15	QPSK	1	74	12.31	12.32	12.32		
15	QPSK	36	0	12.38	12.46	12.33	14	0
15	QPSK	36	20	12.40	12.32	12.29		
15	QPSK	36	39	12.39	12.33	12.28		
15	QPSK	75	0	12.34	12.28	12.27		
15	16QAM	1	0	12.34	12.32	12.41	14	0
15	16QAM	1	37	12.36	12.25	12.39		
15	16QAM	1	74	12.30	12.23	12.30		
15	16QAM	36	0	12.24	12.28	12.28	14	0
15	16QAM	36	20	12.31	12.25	12.47		
15	16QAM	36	39	12.28	12.38	12.32		
15	16QAM	75	0	12.46	12.26	12.32		
15	64QAM	1	0	12.33	12.39	12.37	14	0
15	64QAM	1	37	12.39	12.30	12.42		
15	64QAM	1	74	12.38	12.41	12.37		
15	64QAM	36	0	12.36	12.39	12.34	14	0
15	64QAM	36	20	12.24	12.35	12.37		
15	64QAM	36	39	12.29	12.33	12.31		
15	64QAM	75	0	12.32	12.37	12.33		
15	256QAM	1	0	12.19	12.23	12.23	14	0
15	256QAM	1	37	12.23	12.27	12.26		
15	256QAM	1	74	12.36	12.31	12.32		
15	256QAM	36	0	12.39	12.26	12.38	14	0
15	256QAM	36	20	12.24	12.25	12.26		
15	256QAM	36	39	12.26	12.35	12.26		
15	256QAM	75	0	12.25	12.24	12.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.43	12.60	12.43	14	0
10	QPSK	1	25	12.38	12.34	12.43		
10	QPSK	1	49	12.31	12.32	12.23		
10	QPSK	25	0	12.46	12.44	12.35	14	0
10	QPSK	25	12	12.43	12.23	12.37		
10	QPSK	25	25	12.37	12.37	12.31		
10	QPSK	50	0	12.31	12.32	12.33		
10	16QAM	1	0	12.35	12.40	12.43	14	0
10	16QAM	1	25	12.42	12.38	12.42		
10	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.38	16.57	16.54	18	0
20	QPSK	1	49	16.34	16.48	16.53		
20	QPSK	1	99	16.33	16.41	16.48		
20	QPSK	50	0	16.34	16.49	16.47	18	0
20	QPSK	50	24	16.24	16.34	16.37		
20	QPSK	50	50	16.15	16.34	16.46		
20	QPSK	100	0	16.23	16.45	16.41		
20	16QAM	1	0	16.33	16.44	16.53	18	0
20	16QAM	1	49	16.30	16.36	16.51		
20	16QAM	1	99	16.28	16.48	16.51		
20	16QAM	50	0	16.27	16.43	16.53	18	0
20	16QAM	50	24	16.23	16.39	16.51		
20	16QAM	50	50	16.33	16.38	16.45		
20	16QAM	100	0	16.22	16.37	16.42		
20	64QAM	1	0	16.32	16.36	16.52	18	0
20	64QAM	1	49	16.33	16.43	16.51		
20	64QAM	1	99	16.31	16.39	16.55		
20	64QAM	50	0	16.20	16.45	16.43	18	0
20	64QAM	50	24	16.34	16.46	16.51		
20	64QAM	50	50	16.25	16.39	16.50		
20	64QAM	100	0	16.26	16.47	16.54		
20	256QAM	1	0	16.20	16.41	16.48	18	0
20	256QAM	1	49	16.27	16.36	16.44		
20	256QAM	1	99	16.31	16.38	16.46		
20	256QAM	50	0	16.34	16.34	16.50	18	0
20	256QAM	50	24	16.26	16.41	16.46		
20	256QAM	50	50	16.28	16.46	16.46		
20	256QAM	100	0	16.28	16.46	16.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.28	16.40	16.44	18	0
15	QPSK	1	37	16.20	16.38	16.41		
15	QPSK	1	74	16.22	16.33	16.45		
15	QPSK	36	0	16.31	16.35	16.41	18	0
15	QPSK	36	20	16.15	16.20	16.29		
15	QPSK	36	39	16.12	16.33	16.38		
15	QPSK	75	0	16.14	16.35	16.30		
15	16QAM	1	0	16.27	16.36	16.43	18	0
15	16QAM	1	37	16.28	16.33	16.46		
15	16QAM	1	74	16.24	16.38	16.39		
15	16QAM	36	0	16.17	16.28	16.39	18	0
15	16QAM	36	20	16.31	16.31	16.39		
15	16QAM	36	39	16.32	16.26	16.31		
15	16QAM	75	0	16.18	16.28	16.27		
15	64QAM	1	0	16.24	16.30	16.40	18	0
15	64QAM	1	37	16.32	16.30	16.44		
15	64QAM	1	74	16.19	16.37	16.50		
15	64QAM	36	0	16.05	16.32	16.35	18	0
15	64QAM	36	20	16.19	16.37	16.39		
15	64QAM	36	39	16.19	16.24	16.48		
15	64QAM	75	0	16.13	16.38	16.48		
15	256QAM	1	0	16.05	16.32	16.43	18	0
15	256QAM	1	37	16.19	16.26	16.40		
15	256QAM	1	74	16.27	16.29	16.35		
15	256QAM	36	0	16.28	16.28	16.43	18	0
15	256QAM	36	20	16.21	16.28	16.36		
15	256QAM	36	39	16.18	16.44	16.42		
15	256QAM	75	0	16.18	16.33	16.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.34	16.44	16.42	18	0
10	QPSK	1	25	16.31	16.40	16.49		
10	QPSK	1	49	16.19	16.29	16.35		
10	QPSK	25	0	16.32	16.38	16.36	18	0
10	QPSK	25	12	16.23	16.29	16.33		
10	QPSK	25	25	16.03	16.31	16.34		
10	QPSK	50	0	16.10	16.42	16.33		
10	16QAM	1	0	16.18	16.39	16.40	18	0
10	16QAM	1	25	16.21	16.32	16.36		
10	16QAM	1	49	16.27	16.35	16.43		
10	16QAM	25	0	16.25	16.36	16.51	18	0
10	16QAM	25	12	16.20	16.29	16.43		
10	16QAM	25	25	16.21	16.36	16.33		
10	16QAM	50	0	16.08	16.25	16.41		
10	64QAM	1	0	16.30	16.29	16.37	18	0
10	64QAM	1	25	16.22	16.38	16.40		
10	64QAM	1	49	16.25	16.30	16.49		
10	64QAM	25	0	16.18	16.38	16.37	18	0
10	64QAM	25	12	16.28	16.45	16.43		
10	64QAM	25	25	16.11	16.30	16.49		
10	64QAM	50	0	16.13	16.33	16.39		
10	256QAM	1	0	16.09	16.27	16.45	18	0
10	256QAM	1	25	16.22	16.28	16.35		
10	256QAM	1	49	16.18	16.37	16.42		
10	256QAM	25	0	16.29	16.19	16.44	18	0
10	256QAM	25	12	16.20	16.40	16.45		
10	256QAM	25	25	16.16	16.37	16.35		
10	256QAM	50	0	16.21	16.37	16.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.25	16.37	16.46	18	0
5	QPSK	1	12	16.22	16.37	16.45		
5	QPSK	1	24	16.26	16.32	16.36		
5	QPSK	12	0	16.26	16.35	16.38	18	0
5	QPSK	12	7	16.21	16.24	16.24		
5	QPSK	12	13	16.03	16.33	16.45		
5	QPSK	25	0	16.12	16.40	16.37		
5	16QAM	1	0	16.27	16.42	16.43	18	0
5	16QAM	1	12	16.17	16.30	16.45		
5	16QAM	1	24	16.18	16.42	16.39		
5	16QAM	12	0	16.22	16.29	16.45	18	0
5	16QAM	12	7	16.32	16.26	16.40		
5	16QAM	12	13	16.29	16.33	16.32		
5	16QAM	25	0	16.10	16.26	16.28		
5	64QAM	1	0	16.23	16.29	16.44	18	0
5	64QAM	1	12	16.29	16.40	16.49		
5	64QAM	1	24	16.27	16.32	16.54		
5	64QAM	12	0	16.09	16.39	16.40	18	0
5	64QAM	12	7	16.21	16.31	16.36		
5	64QAM	12	13	16.16	16.31	16.40		
5	64QAM	25	0	16.19	16.46	16.48		
5	256QAM	1	0	16.06	16.29	16.35	18	0
5	256QAM	1	12	16.18	16.28	16.35		
5	256QAM	1	24	16.17	16.31	16.37		
5	256QAM	12	0	16.32	16.33	16.40	18	0
5	256QAM	12	7	16.15	16.38	16.42		
5	256QAM	12	13	16.26	16.41	16.39		
5	256QAM	25	0	16.24	16.45	16.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.29	16.49	16.44	18	0
3	QPSK	1	8	16.21	16.47	16.40		
3	QPSK	1	14	16.26	16.40	16.38		
3	QPSK	8	0	16.22	16.34	16.45	18	0
3	QPSK	8	4	16.16	16.21	16.35		
3	QPSK	8	7	16.02	16.26	16.37		
3	QPSK	15	0	16.12	16.42	16.28		
3	16QAM	1	0	16.20	16.41	16.52	18	0
3	16QAM	1	8	16.18	16.30	16.42		
3	16QAM	1	14	16.27	16.45	16.36		
3	16QAM	8	0	16.22	16.32	16.39	18	0
3	16QAM	8	4	16.23	16.32	16.37		
3	16QAM	8	7	16.28	16.37	16.30		
3	16QAM	15	0	16.13	16.33	16.30		
3	64QAM	1	0	16.24	16.25	16.39	18	0
3	64QAM	1	8	16.24	16.37	16.40		
3	64QAM	1	14	16.23	16.32	16.41		
3	64QAM	8	0	16.13	16.33	16.30	18	0
3	64QAM	8	4	16.33	16.40	16.50		
3	64QAM	8	7	16.18	16.32	16.47		
3	64QAM	15	0	16.19	16.44	16.44		
3	256QAM	1	0	16.09	16.28	16.35	18	0
3	256QAM	1	8	16.20	16.28	16.41		
3	256QAM	1	14	16.22	16.35	16.32		
3	256QAM	8	0	16.31	16.20	16.40	18	0
3	256QAM	8	4	16.14	16.34	16.35		
3	256QAM	8	7	16.20	16.44	16.31		
3	256QAM	15	0	16.26	16.39	16.40		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.35	16.45	16.56	18	0
1.4	QPSK	1	3	16.26	16.46	16.46		
1.4	QPSK	1	5	16.22	16.35	16.44		
1.4	QPSK	3	0	16.21	16.34	16.40		
1.4	QPSK	3	1	16.17	16.28	16.28		
1.4	QPSK	3	3	16.01	16.22	16.34		
1.4	QPSK	6	0	16.14	16.40	16.34	18	0
1.4	16QAM	1	0	16.30	16.36	16.50	18	0
1.4	16QAM	1	3	16.23	16.31	16.48		
1.4	16QAM	1	5	16.15	16.43	16.46		
1.4	16QAM	3	0	16.26	16.38	16.41		
1.4	16QAM	3	1	16.18	16.35	16.48		
1.4	16QAM	3	3	16.32	16.26	16.30		
1.4	16QAM	6	0	16.13	16.29	16.37	18	0
1.4	64QAM	1	0	16.27	16.25	16.43	18	0
1.4	64QAM	1	3	16.18	16.32	16.40		
1.4	64QAM	1	5	16.16	16.36	16.42		
1.4	64QAM	3	0	16.12	16.41	16.37		
1.4	64QAM	3	1	16.23	16.44	16.46		
1.4	64QAM	3	3	16.23	16.29	16.47		
1.4	64QAM	6	0	16.18	16.44	16.47	18	0
1.4	256QAM	1	0	16.18	16.28	16.42	18	0
1.4	256QAM	1	3	16.13	16.25	16.37		
1.4	256QAM	1	5	16.23	16.34	16.37		
1.4	256QAM	3	0	16.22	16.25	16.48		
1.4	256QAM	3	1	16.12	16.30	16.35		
1.4	256QAM	3	3	16.17	16.36	16.42		
1.4	256QAM	6	0	16.20	16.43	16.43	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.67	23.80	23.77	24.5	0
20	QPSK	1	49	23.64	23.76	23.76		
20	QPSK	1	99	23.66	23.74	23.70		
20	QPSK	50	0	22.76	22.88	22.80	23.5	1
20	QPSK	50	24	22.67	22.77	22.75		
20	QPSK	50	50	22.66	22.72	22.77		
20	QPSK	100	0	22.66	22.81	22.80		
20	16QAM	1	0	22.80	23.01	23.07	23.5	1
20	16QAM	1	49	22.94	22.95	23.02		
20	16QAM	1	99	22.88	22.88	22.90		
20	16QAM	50	0	21.69	21.73	21.86	22.5	2
20	16QAM	50	24	21.69	21.77	21.79		
20	16QAM	50	50	21.74	21.71	21.74		
20	16QAM	100	0	21.69	21.74	21.79		
20	64QAM	1	0	21.74	21.85	21.91	22.5	2
20	64QAM	1	49	21.78	21.85	21.88		
20	64QAM	1	99	21.73	21.77	21.74		
20	64QAM	50	0	20.63	20.75	20.91	21.5	3
20	64QAM	50	24	20.65	20.79	20.85		
20	64QAM	50	50	20.75	20.74	20.80		
20	64QAM	100	0	20.66	20.76	20.83		
20	256QAM	1	0	18.52	18.56	18.46	19.5	5
20	256QAM	1	49	18.48	18.55	18.52		
20	256QAM	1	99	18.47	18.54	18.43		
20	256QAM	50	0	18.46	18.49	18.43	19.5	5
20	256QAM	50	24	18.45	18.49	18.47		
20	256QAM	50	50	18.34	18.45	18.37		
20	256QAM	100	0	18.34	18.43	18.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.69	23.65	24.5	0
15	QPSK	1	37	23.62	23.72	23.68		
15	QPSK	1	74	23.62	23.69	23.69		
15	QPSK	36	0	22.75	22.81	22.74	23.5	1
15	QPSK	36	20	22.61	22.68	22.64		
15	QPSK	36	39	22.65	22.61	22.70		
15	QPSK	75	0	22.61	22.80	22.73		
15	16QAM	1	0	22.68	22.97	22.99	23.5	1
15	16QAM	1	37	22.87	22.90	22.98		
15	16QAM	1	74	22.82	22.82	22.80		
15	16QAM	36	0	21.59	21.72	21.83	22.5	2
15	16QAM	36	20	21.66	21.66	21.69		
15	16QAM	36	39	21.70	21.67	21.72		
15	16QAM	75	0	21.64	21.70	21.77		
15	64QAM	1	0	21.70	21.81	21.80	22.5	2
15	64QAM	1	37	21.72	21.77	21.83		
15	64QAM	1	74	21.68	21.74	21.67		
15	64QAM	36	0	20.54	20.72	20.88	21.5	3
15	64QAM	36	20	20.59	20.73	20.74		
15	64QAM	36	39	20.70	20.72	20.75		
15	64QAM	75	0	20.63	20.69	20.72		
15	256QAM	1	0	18.51	18.52	18.51	19.5	5
15	256QAM	1	37	18.44	18.54	18.51		
15	256QAM	1	74	18.50	18.53	18.47		
15	256QAM	36	0	18.38	18.45	18.38	19.5	5
15	256QAM	36	20	18.43	18.39	18.37		
15	256QAM	36	39	18.44	18.37	18.39		
15	256QAM	75	0	18.33	18.42	18.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.58	23.69	23.66	24.5	0
10	QPSK	1	25	23.55	23.77	23.64		
10	QPSK	1	49	23.62	23.72	23.58		
10	QPSK	25	0	22.73	22.76	22.72	23.5	1
10	QPSK	25	12	22.62	22.70	22.64		
10	QPSK	25	25	22.59	22.64	22.71		
10	QPSK	50	0	22.62	22.72	22.75		
10	16QAM	1	0	22.70	22.95	23.04	23.5	1
10	16QAM	1	25	22.82	22.93	22.93		
10	16QAM	1	49	22.86	22.81	22.79		
10	16QAM	25	0	21.62	21.82	21.79	22.5	2
10	16QAM	25	12	21.66	21.74	21.67		
10	16QAM	25	25	21.70	21.59	21.62		
10	16QAM	50	0	21.63	21.64	21.67		
10	64QAM	1	0	21.73	21.82	21.85	22.5	2
10	64QAM	1	25	21.77	21.73	21.82		
10	64QAM	1	49	21.63	21.74	21.68		
10	64QAM	25	0	20.57	20.65	20.90	21.5	3
10	64QAM	25	12	20.56	20.72	20.78		
10	64QAM	25	25	20.70	20.66	20.75		
10	64QAM	50	0	20.61	20.73	20.82		
10	256QAM	1	0	18.48	18.54	18.52	19.5	5
10	256QAM	1	25	18.43	18.43	18.52		
10	256QAM	1	49	18.49	18.47	18.48		
10	256QAM	25	0	18.38	18.38	18.44	19.5	5
10	256QAM	25	12	18.47	18.44	18.48		
10	256QAM	25	25	18.42	18.34	18.36		
10	256QAM	50	0	18.34	18.34	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.65	23.68	23.76	24.5	0
5	QPSK	1	12	23.61	23.70	23.69		
5	QPSK	1	24	23.65	23.71	23.61		
5	QPSK	12	0	22.67	22.81	22.74	23.5	1
5	QPSK	12	7	22.58	22.71	22.64		
5	QPSK	12	13	22.55	22.65	22.74		
5	QPSK	25	0	22.55	22.76	22.69		
5	16QAM	1	0	22.74	22.97	22.96	23.5	1
5	16QAM	1	12	22.92	22.93	22.90		
5	16QAM	1	24	22.78	22.80	22.78		
5	16QAM	12	0	21.57	21.72	21.78	22.5	2
5	16QAM	12	7	21.65	21.70	21.70		
5	16QAM	12	13	21.73	21.66	21.69		
5	16QAM	25	0	21.67	21.67	21.68		
5	64QAM	1	0	21.68	21.79	21.89	22.5	2
5	64QAM	1	12	21.75	21.82	21.78		
5	64QAM	1	24	21.64	21.74	21.69		
5	64QAM	12	0	20.51	20.66	20.79	21.5	3
5	64QAM	12	7	20.59	20.76	20.79		
5	64QAM	12	13	20.63	20.73	20.72		
5	64QAM	25	0	20.64	20.65	20.76		
5	256QAM	1	0	18.55	18.46	18.52	19.5	5
5	256QAM	1	12	18.48	18.44	18.50		
5	256QAM	1	24	18.48	18.46	18.44		
5	256QAM	12	0	18.43	18.43	18.45	19.5	5
5	256QAM	12	7	18.47	18.38	18.39		
5	256QAM	12	13	18.33	18.40	18.42		
5	256QAM	25	0	18.34	18.39	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.63	23.71	23.75	24.5	0
3	QPSK	1	8	23.61	23.68	23.70		
3	QPSK	1	14	23.62	23.64	23.67		
3	QPSK	8	0	22.74	22.85	22.73	23.5	1
3	QPSK	8	4	22.58	22.75	22.72		
3	QPSK	8	7	22.63	22.68	22.70		
3	QPSK	15	0	22.55	22.71	22.76		
3	16QAM	1	0	22.74	22.89	22.96	23.5	1
3	16QAM	1	8	22.85	22.94	22.98		
3	16QAM	1	14	22.86	22.90	22.94		
3	16QAM	8	0	21.64	21.64	21.79	22.5	2
3	16QAM	8	4	21.61	21.75	21.71		
3	16QAM	8	7	21.65	21.65	21.65		
3	16QAM	15	0	21.64	21.73	21.76		
3	64QAM	1	0	21.73	21.77	21.80	22.5	2
3	64QAM	1	8	21.68	21.75	21.83		
3	64QAM	1	14	21.63	21.71	21.85		
3	64QAM	8	0	20.53	20.67	20.86	21.5	3
3	64QAM	8	4	20.59	20.73	20.76		
3	64QAM	8	7	20.71	20.64	20.79		
3	64QAM	15	0	20.54	20.68	20.81		
3	256QAM	1	0	18.54	18.55	18.54	19.5	5
3	256QAM	1	8	18.50	18.46	18.52		
3	256QAM	1	14	18.44	18.43	18.52		
3	256QAM	8	0	18.46	18.38	18.43	19.5	5
3	256QAM	8	4	18.42	18.39	18.38		
3	256QAM	8	7	18.35	18.33	18.42		
3	256QAM	15	0	18.32	18.36	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.63	23.72	23.66	24.5	0
1.4	QPSK	1	3	23.56	23.76	23.69		
1.4	QPSK	1	5	23.54	23.68	23.66		
1.4	QPSK	3	0	23.60	23.69	23.57		
1.4	QPSK	3	1	23.45	23.74	23.59		
1.4	QPSK	3	3	23.51	23.66	23.54		
1.4	QPSK	6	0	22.60	22.69	22.68	23.5	1
1.4	16QAM	1	0	22.78	22.98	22.96	23.5	1
1.4	16QAM	1	3	22.86	22.83	22.98		
1.4	16QAM	1	5	22.82	22.81	22.78		
1.4	16QAM	3	0	22.72	22.89	22.85		
1.4	16QAM	3	1	22.85	22.75	22.94		
1.4	16QAM	3	3	22.77	22.72	22.87		
1.4	16QAM	6	0	21.68	21.68	21.75	22.5	2
1.4	64QAM	1	0	21.64	21.76	21.90	22.5	2
1.4	64QAM	1	3	21.71	21.80	21.77		
1.4	64QAM	1	5	21.70	21.75	21.84		
1.4	64QAM	3	0	21.63	21.85	21.83		
1.4	64QAM	3	1	21.68	21.77	21.74		
1.4	64QAM	3	3	21.63	21.63	21.52		
1.4	64QAM	6	0	20.54	20.71	20.77	21.5	3
1.4	256QAM	1	0	18.49	18.49	18.45	19.5	5
1.4	256QAM	1	3	18.48	18.43	18.47		
1.4	256QAM	1	5	18.53	18.42	18.47		
1.4	256QAM	3	0	18.38	18.47	18.48		
1.4	256QAM	3	1	18.47	18.48	18.39		
1.4	256QAM	3	3	18.36	18.43	18.37		
1.4	256QAM	6	0	18.34	18.37	18.39	19.5	5

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.07	17.08	17.05	18	0
20	QPSK	1	49	17.01	16.97	17.03		
20	QPSK	1	99	16.92	17.03	17.04		
20	QPSK	50	0	17.01	17.03	17.01		
20	QPSK	50	24	17.00	16.87	16.92		
20	QPSK	50	50	17.01	16.88	16.83		
20	QPSK	100	0	16.93	16.94	16.91		
20	16QAM	1	0	16.97	16.97	16.94	18	0
20	16QAM	1	49	17.00	16.97	16.91		
20	16QAM	1	99	16.97	17.01	17.00		
20	16QAM	50	0	16.87	17.01	16.86		
20	16QAM	50	24	16.87	16.90	16.95		
20	16QAM	50	50	17.00	17.01	16.89		
20	16QAM	100	0	16.88	16.88	16.93		
20	64QAM	1	0	16.91	16.95	16.93	18	0
20	64QAM	1	49	16.94	16.90	16.89		
20	64QAM	1	99	16.96	16.96	16.91		
20	64QAM	50	0	16.96	17.01	16.97		
20	64QAM	50	24	16.95	17.01	16.92		
20	64QAM	50	50	16.94	17.01	16.99		
20	64QAM	100	0	16.99	16.93	16.96		
20	256QAM	1	0	16.97	17.02	16.95	18	0
20	256QAM	1	49	16.96	17.02	16.94		
20	256QAM	1	99	16.94	16.92	17.00		
20	256QAM	50	0	16.98	17.00	16.97		
20	256QAM	50	24	16.97	16.88	16.97		
20	256QAM	50	50	17.00	16.90	16.95		
20	256QAM	100	0	16.92	16.91	16.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.01	16.97	16.92	18	0
15	QPSK	1	37	16.86	16.91	16.91		
15	QPSK	1	74	16.88	16.92	16.99		
15	QPSK	36	0	16.97	16.93	16.94		
15	QPSK	36	20	16.88	16.73	16.86		
15	QPSK	36	39	16.91	16.73	16.79		
15	QPSK	75	0	16.80	16.92	16.78		
15	16QAM	1	0	16.87	16.83	16.88	18	0
15	16QAM	1	37	16.94	16.90	16.88		
15	16QAM	1	74	16.93	16.96	16.97		
15	16QAM	36	0	16.80	16.96	16.79		
15	16QAM	36	20	16.72	16.78	16.85		
15	16QAM	36	39	16.90	16.99	16.75		
15	16QAM	75	0	16.79	16.74	16.86		
15	64QAM	1	0	16.81	16.87	16.90	18	0
15	64QAM	1	37	16.85	16.89	16.80		
15	64QAM	1	74	16.84	16.84	16.87		
15	64QAM	36	0	16.91	16.97	16.76		
15	64QAM	36	20	16.82	16.89	16.86		
15	64QAM	36	39	16.86	16.87	16.87		
15	64QAM	75	0	16.97	16.81	16.87		
15	256QAM	1	0	16.84	16.88	16.90	18	0
15	256QAM	1	37	16.92	16.98	16.81		
15	256QAM	1	74	16.85	16.90	16.98		
15	256QAM	36	0	16.97	16.97	16.96		
15	256QAM	36	20	16.78	16.83	16.95		
15	256QAM	36	39	16.88	16.85	16.85		
15	256QAM	75	0	16.83	16.86	16.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.03	16.95	16.98	18	0
10	QPSK	1	25	16.96	16.91	16.88		
10	QPSK	1	49	16.77	16.93	16.94		
10	QPSK	25	0	16.89	16.98	16.95		
10	QPSK	25	12	16.97	16.72	16.79		
10	QPSK	25	25	16.93	16.82	16.78		
10	QPSK	50	0	16.92	16.92	16.87		
10	16QAM	1	0	16.88	16.95	16.90	18	0
10	16QAM	1	25	16.96	16.90	16.87		
10	16QAM	1	49	16.95	16.97	16.88		
10	16QAM	25	0	16.76	16.88	16.77		
10	16QAM	25	12	16.80	16.78	16.81		
10	16QAM	25	25	16.80	16.89	16.75		
10	16QAM	50	0	16.79	16.74	16.82		
10	64QAM	1	0	16.83	16.84	16.87	18	0
10	64QAM	1	25	16.86	16.88	16.77		
10	64QAM	1	49	16.85	16.85	16.80		
10	64QAM	25	0	16.83	16.98	16.74		
10	64QAM	25	12	16.90	16.94	16.77		
10	64QAM	25	25	16.86	16.86	16.83		
10	64QAM	50	0	16.90	16.89	16.91		
10	256QAM	1	0	16.83	16.98	16.92	18	0
10	256QAM	1	25	16.95	17.01	16.80		
10	256QAM	1	49	16.96	16.78	16.86		
10	256QAM	25	0	16.97	16.96	16.86		
10	256QAM	25	12	16.84	16.85	16.84	18	0
10	256QAM	25	25	16.86	16.85	16.94		
10	256QAM	50	0	16.86	16.76	16.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.94	17.04	17.03	18	0
5	QPSK	1	12	16.92	16.83	16.96		
5	QPSK	1	24	16.87	16.98	17.01		
5	QPSK	12	0	16.98	17.00	16.88		
5	QPSK	12	7	16.85	16.76	16.86		
5	QPSK	12	13	16.94	16.73	16.76		
5	QPSK	25	0	16.90	16.88	16.76		
5	16QAM	1	0	16.93	16.86	16.90	18	0
5	16QAM	1	12	16.90	16.94	16.81		
5	16QAM	1	24	16.92	16.88	16.89		
5	16QAM	12	0	16.72	17.00	16.83		
5	16QAM	12	7	16.81	16.75	16.81	18	0
5	16QAM	12	13	16.66	16.86	16.76		
5	16QAM	25	0	16.87	16.81	16.88		
5	64QAM	1	0	16.88	16.87	16.89	18	0
5	64QAM	1	12	16.89	16.76	16.76		
5	64QAM	1	24	16.94	16.94	16.84		
5	64QAM	12	0	16.94	16.87	16.82		
5	64QAM	12	7	16.83	16.90	16.83	18	0
5	64QAM	12	13	16.88	16.96	16.89		
5	64QAM	25	0	16.97	16.79	16.95		
5	256QAM	1	0	16.87	16.91	16.89	18	0
5	256QAM	1	12	16.83	16.91	16.83		
5	256QAM	1	24	16.80	16.78	16.89		
5	256QAM	12	0	16.95	16.94	16.83		
5	256QAM	12	7	16.84	16.82	16.87	18	0
5	256QAM	12	13	16.89	16.84	16.91		
5	256QAM	25	0	16.80	16.79	16.86		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.30	21.28	22.2	0
20	QPSK	1	49	21.14	21.09	21.25		
20	QPSK	1	99	21.12	21.11	21.24		
20	QPSK	50	0	21.11	21.22	21.18		
20	QPSK	50	24	20.98	21.08	21.12		
20	QPSK	50	50	21.01	21.12	21.11		
20	QPSK	100	0	21.04	21.17	21.11		
20	16QAM	1	0	20.98	21.08	21.17	22.2	0
20	16QAM	1	49	21.08	21.14	21.13		
20	16QAM	1	99	21.00	21.07	21.17		
20	16QAM	50	0	21.00	21.08	21.12		
20	16QAM	50	24	21.05	21.10	21.14		
20	16QAM	50	50	21.09	21.10	21.11		
20	16QAM	100	0	21.03	21.15	21.10		
20	64QAM	1	0	21.06	21.06	21.16	22.2	0
20	64QAM	1	49	20.96	21.09	21.14		
20	64QAM	1	99	21.02	21.13	21.11		
20	64QAM	50	0	21.04	21.17	21.14		
20	64QAM	50	24	21.00	21.15	21.20		
20	64QAM	50	50	21.10	21.15	21.11		
20	64QAM	100	0	20.97	21.13	21.16		
20	256QAM	1	0	19.51	19.58	19.57	20.7	1.5
20	256QAM	1	49	19.47	19.60	19.70		
20	256QAM	1	99	19.50	19.55	19.61		
20	256QAM	50	0	19.52	19.53	19.70		
20	256QAM	50	24	19.52	19.54	19.60		
20	256QAM	50	50	19.52	19.61	19.67		
20	256QAM	100	0	19.60	19.55	19.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.07	21.26	21.16	22.2	0
15	QPSK	1	37	21.11	20.97	21.22		
15	QPSK	1	74	21.10	21.06	21.22		
15	QPSK	36	0	21.06	21.16	21.19		
15	QPSK	36	20	20.85	21.02	21.05		
15	QPSK	36	39	20.89	21.05	21.02		
15	QPSK	75	0	21.02	21.08	21.09		
15	16QAM	1	0	20.84	21.00	21.06	22.2	0
15	16QAM	1	37	20.98	21.10	21.03		
15	16QAM	1	74	20.85	20.96	21.11		
15	16QAM	36	0	20.86	21.00	21.07		
15	16QAM	36	20	20.94	21.07	21.02		
15	16QAM	36	39	20.94	21.02	21.07		
15	16QAM	75	0	21.00	21.08	21.07		
15	64QAM	1	0	20.94	21.05	21.15	22.2	0
15	64QAM	1	37	20.86	21.04	21.01		
15	64QAM	1	74	20.90	21.03	21.06		
15	64QAM	36	0	20.99	20.99	21.09		
15	64QAM	36	20	20.85	21.05	21.08		
15	64QAM	36	39	21.02	21.10	21.04		
15	64QAM	75	0	20.85	21.08	21.03		
15	256QAM	1	0	19.49	19.47	19.46	20.7	1.5
15	256QAM	1	37	19.39	19.59	19.57		
15	256QAM	1	74	19.49	19.53	19.51		
15	256QAM	36	0	19.44	19.43	19.59		
15	256QAM	36	20	19.39	19.47	19.45		
15	256QAM	36	39	19.41	19.46	19.58		
15	256QAM	75	0	19.48	19.52	19.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.14	21.23	21.24	22.2	0
10	QPSK	1	25	21.11	21.06	21.20		
10	QPSK	1	49	21.05	21.02	21.15		
10	QPSK	25	0	21.08	21.15	21.04		
10	QPSK	25	12	20.95	21.02	21.06		
10	QPSK	25	25	20.88	21.00	21.03		
10	QPSK	50	0	20.93	21.03	21.00		
10	16QAM	1	0	20.83	21.07	21.13	22.2	0
10	16QAM	1	25	21.02	21.08	21.03		
10	16QAM	1	49	20.93	20.94	21.04		
10	16QAM	25	0	20.89	20.94	21.06		
10	16QAM	25	12	20.91	21.02	21.00		
10	16QAM	25	25	20.95	21.06	20.96		
10	16QAM	50	0	20.88	21.00	21.07		
10	64QAM	1	0	20.93	21.02	21.05	22.2	0
10	64QAM	1	25	20.84	21.01	21.03		
10	64QAM	1	49	20.88	21.05	21.10		
10	64QAM	25	0	20.87	20.93	20.99		
10	64QAM	25	12	20.86	21.00	21.08		
10	64QAM	25	25	21.07	21.01	21.06		
10	64QAM	50	0	20.92	21.02	21.14		
10	256QAM	1	0	19.37	19.47	19.42	20.7	1.5
10	256QAM	1	25	19.39	19.50	19.58		
10	256QAM	1	49	19.34	19.41	19.57		
10	256QAM	25	0	19.44	19.38	19.69		
10	256QAM	25	12	19.47	19.44	19.56		
10	256QAM	25	25	19.38	19.51	19.55		
10	256QAM	50	0	19.54	19.40	19.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.08	21.27	21.24	22.2	0
5	QPSK	1	12	20.99	21.07	21.22		
5	QPSK	1	24	21.08	21.06	21.10		
5	QPSK	12	0	21.03	21.18	21.05		
5	QPSK	12	7	20.92	21.05	21.09		
5	QPSK	12	13	20.92	21.03	20.96		
5	QPSK	25	0	20.94	21.04	20.97		
5	16QAM	1	0	20.84	21.00	21.12	22.2	0
5	16QAM	1	12	20.94	21.09	21.01		
5	16QAM	1	24	20.97	20.97	21.15		
5	16QAM	12	0	20.89	20.94	21.10		
5	16QAM	12	7	20.92	20.96	21.08		
5	16QAM	12	13	21.06	21.07	21.00		
5	16QAM	25	0	20.96	21.13	20.96		
5	64QAM	1	0	20.97	20.97	21.15	22.2	0
5	64QAM	1	12	20.84	21.00	21.05		
5	64QAM	1	24	20.95	21.03	21.08		
5	64QAM	12	0	20.93	20.99	21.10		
5	64QAM	12	7	20.96	21.09	21.09		
5	64QAM	12	13	20.98	21.13	21.06		
5	64QAM	25	0	20.93	21.03	21.09		
5	256QAM	1	0	19.43	19.46	19.53	20.7	1.5
5	256QAM	1	12	19.35	19.48	19.67		
5	256QAM	1	24	19.44	19.43	19.51		
5	256QAM	12	0	19.38	19.51	19.55		
5	256QAM	12	7	19.41	19.50	19.47	20.7	1.5
5	256QAM	12	13	19.45	19.46	19.66		
5	256QAM	25	0	19.51	19.53	19.66		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.11	19.17	19.08	20	0
20	QPSK	1	49	18.97	19.11	19.02		
20	QPSK	1	99	18.98	19.11	19.07		
20	QPSK	50	0	19.07	19.08	19.07		
20	QPSK	50	24	19.01	19.00	18.95		
20	QPSK	50	50	18.93	18.97	19.03		
20	QPSK	100	0	18.96	19.00	18.92		
20	16QAM	1	0	18.94	19.01	18.97	20	0
20	16QAM	1	49	18.95	18.95	18.95		
20	16QAM	1	99	19.07	18.93	19.05		
20	16QAM	50	0	19.07	18.94	18.99		
20	16QAM	50	24	19.03	19.06	18.97		
20	16QAM	50	50	18.99	18.95	18.93		
20	16QAM	100	0	18.97	19.02	19.04		
20	64QAM	1	0	18.93	18.95	18.97	20	0
20	64QAM	1	49	18.99	19.05	18.95		
20	64QAM	1	99	18.97	19.00	18.95		
20	64QAM	50	0	19.07	18.99	18.97		
20	64QAM	50	24	19.04	19.02	19.06		
20	64QAM	50	50	18.99	19.01	19.05		
20	64QAM	100	0	19.06	18.99	18.98		
20	256QAM	1	0	18.53	18.56	18.52	19.5	0.5
20	256QAM	1	49	18.47	18.55	18.44		
20	256QAM	1	99	18.52	18.55	18.52		
20	256QAM	50	0	18.49	18.54	18.44		
20	256QAM	50	24	18.51	18.51	18.42		
20	256QAM	50	50	18.43	18.50	18.47		
20	256QAM	100	0	18.56	18.42	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.05	19.09	18.96	20	0
15	QPSK	1	37	18.84	18.97	18.97		
15	QPSK	1	74	18.97	19.05	18.95		
15	QPSK	36	0	19.02	18.95	18.96		
15	QPSK	36	20	18.87	18.86	18.86		
15	QPSK	36	39	18.83	18.94	18.94		
15	QPSK	75	0	18.87	18.86	18.89		
15	16QAM	1	0	18.83	18.89	18.95	20	0
15	16QAM	1	37	18.84	18.92	18.91		
15	16QAM	1	74	19.06	18.90	18.90		
15	16QAM	36	0	18.94	18.89	18.84		
15	16QAM	36	20	19.00	18.98	18.95		
15	16QAM	36	39	18.90	18.88	18.86		
15	16QAM	75	0	18.93	18.93	19.02		
15	64QAM	1	0	18.89	18.95	18.88	20	0
15	64QAM	1	37	18.84	18.96	18.92		
15	64QAM	1	74	18.83	18.89	18.80		
15	64QAM	36	0	19.03	18.87	18.93		
15	64QAM	36	20	18.95	19.01	19.00		
15	64QAM	36	39	18.88	18.91	18.91		
15	64QAM	75	0	19.00	18.89	18.86		
15	256QAM	1	0	18.44	18.52	18.39	19.5	0.5
15	256QAM	1	37	18.33	18.52	18.39		
15	256QAM	1	74	18.47	18.47	18.37		
15	256QAM	36	0	18.41	18.45	18.30		
15	256QAM	36	20	18.45	18.48	18.32		
15	256QAM	36	39	18.34	18.48	18.37		
15	256QAM	75	0	18.46	18.33	18.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.95	19.13	18.94	20	0
10	QPSK	1	25	18.87	19.03	18.99		
10	QPSK	1	49	18.86	19.05	18.92		
10	QPSK	25	0	19.03	18.98	18.97		
10	QPSK	25	12	18.90	18.87	18.88		
10	QPSK	25	25	18.79	18.94	18.95		
10	QPSK	50	0	18.88	18.94	18.81		
10	16QAM	1	0	18.84	18.94	18.91	20	0
10	16QAM	1	25	18.93	18.94	18.94		
10	16QAM	1	49	19.06	18.85	19.01		
10	16QAM	25	0	18.94	18.93	18.91		
10	16QAM	25	12	18.97	19.04	18.93		
10	16QAM	25	25	18.94	18.92	18.78		
10	16QAM	50	0	18.95	18.95	18.99		
10	64QAM	1	0	18.89	18.94	18.87	20	0
10	64QAM	1	25	18.94	18.92	18.81		
10	64QAM	1	49	18.87	18.92	18.81		
10	64QAM	25	0	19.04	18.94	18.82		
10	64QAM	25	12	18.89	18.95	18.93		
10	64QAM	25	25	18.96	18.93	19.02		
10	64QAM	50	0	19.00	18.88	18.85		
10	256QAM	1	0	18.48	18.42	18.45	19.5	0.5
10	256QAM	1	25	18.38	18.50	18.37		
10	256QAM	1	49	18.42	18.48	18.37		
10	256QAM	25	0	18.34	18.40	18.43		
10	256QAM	25	12	18.38	18.46	18.33		
10	256QAM	25	25	18.36	18.37	18.32		
10	256QAM	50	0	18.47	18.36	18.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.04	19.02	19.00	20	0
5	QPSK	1	12	18.96	18.99	18.93		
5	QPSK	1	24	18.94	19.02	18.96		
5	QPSK	12	0	18.99	18.94	18.93		
5	QPSK	12	7	18.87	18.88	18.81	20	0
5	QPSK	12	13	18.93	18.94	18.96		
5	QPSK	25	0	18.82	18.89	18.87		
5	16QAM	1	0	18.81	18.99	18.95	20	0
5	16QAM	1	12	18.92	18.85	18.88		
5	16QAM	1	24	19.04	18.92	19.01		
5	16QAM	12	0	19.03	18.92	18.96		
5	16QAM	12	7	18.99	18.95	18.87	20	0
5	16QAM	12	13	18.98	18.96	18.88		
5	16QAM	25	0	18.96	18.96	18.97		
5	64QAM	1	0	18.85	18.89	18.94	20	0
5	64QAM	1	12	18.95	18.98	18.89		
5	64QAM	1	24	18.94	18.96	18.93		
5	64QAM	12	0	19.05	18.86	18.94		
5	64QAM	12	7	18.89	18.99	19.04	20	0
5	64QAM	12	13	18.86	18.91	19.04		
5	64QAM	25	0	19.02	18.97	18.99		
5	256QAM	1	0	18.43	18.41	18.45	19.5	0.5
5	256QAM	1	12	18.45	18.46	18.42		
5	256QAM	1	24	18.46	18.47	18.44		
5	256QAM	12	0	18.43	18.45	18.41		
5	256QAM	12	7	18.37	18.36	18.28	19.5	0.5
5	256QAM	12	13	18.39	18.39	18.45		
5	256QAM	25	0	18.41	18.41	18.46		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.02	18.09	18.01	18.7	0
20	QPSK	1	49	17.89	17.98	17.96		
20	QPSK	1	99	17.99	17.89	17.98		
20	QPSK	50	0	17.86	17.96	17.93		
20	QPSK	50	24	17.73	17.88	17.85		
20	QPSK	50	50	17.81	17.81	17.84		
20	QPSK	100	0	17.78	17.93	17.80		
20	16QAM	1	0	17.74	17.83	17.85		
20	16QAM	1	49	17.73	17.89	17.82		
20	16QAM	1	99	17.76	17.93	17.80		
20	16QAM	50	0	17.79	17.91	17.83		
20	16QAM	50	24	17.76	17.88	17.85		
20	16QAM	50	50	17.84	17.93	17.89		
20	16QAM	100	0	17.87	17.91	17.79		
20	64QAM	1	0	17.83	17.95	17.85		
20	64QAM	1	49	17.73	17.85	17.79	18.7	0
20	64QAM	1	99	17.81	17.87	17.79		
20	64QAM	50	0	17.82	17.94	17.79		
20	64QAM	50	24	17.76	17.94	17.90		
20	64QAM	50	50	17.78

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.97	17.04	17.13	17.06	17.10	18	0
20	QPSK	1	49	16.87	16.85	16.98	17.01	16.99		
20	QPSK	1	99	16.89	17.03	16.93	17.01	16.93		
20	QPSK	50	0	16.89	16.96	17.06	17.03	17.04	18	0
20	QPSK	50	24	16.75	16.83	16.98	16.86	16.87		
20	QPSK	50	50	16.81	16.85	16.86	16.85	17.01		
20	QPSK	100	0	16.78	16.87	17.01	16.93	16.88		
20	16QAM	1	0	16.73	16.87	17.06	16.87	16.94	18	0
20	16QAM	1	49	16.88	16.77	16.98	16.86	16.93		
20	16QAM	1	99	16.83	16.88	16.97	16.90	16.93		
20	16QAM	50	0	16.70	16.79	17.01	17.02	17.04	18	0
20	16QAM	50	24	16.86	16.94	17.06	16.88	16.84		
20	16QAM	50	50	16.73	16.82	17.00	16.90	17.00		
20	16QAM	100	0	16.85	16.83	16.96	16.95	16.86		
20	64QAM	1	0	16.69	16.80	16.90	16.97	16.86	18	0
20	64QAM	1	49	16.82	16.78	16.88	16.91	16.93		
20	64QAM	1	99	16.89	16.88	17.01	17.03	16.96		
20	64QAM	50	0	16.70	16.91	17.05	16.83	16.97	18	0
20	64QAM	50	24	16.87	16.79	16.93	17.00	16.88		
20	64QAM	50	50	16.72	16.95	17.05	16.86	16.97		
20	64QAM	100	0	16.84	16.95	16.90	16.97	16.84		
20	256QAM	1	0	16.85	16.76	16.85	16.83	17.01	18	0
20	256QAM	1	49	16.73	16.91	17.04	16.95	17.01		
20	256QAM	1	99	16.78	16.88	17.02	16.85	17.02		
20	256QAM	50	0	16.82	16.75	16.90	16.92	16.84	18	0
20	256QAM	50	24	16.76	16.92	16.88	16.83	16.85		
20	256QAM	50	50	16.82	16.93	16.98	16.87	16.88		
20	256QAM	100	0	16.68	16.78	16.92	16.94	16.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.80	16.82	17.01	16.84	16.83	18	0
15	QPSK	1	37	16.71	16.61	16.88	16.85	16.80		
15	QPSK	1	74	16.75	16.91	16.73	16.88	16.83		
15	QPSK	36	0	16.67	16.81	16.77	16.90	16.77	18	0
15	QPSK	36	20	16.50	16.61	16.80	16.66	16.74		
15	QPSK	36	39	16.54	16.67	16.75	16.62	16.76		
15	QPSK	75	0	16.49	16.73	16.73	16.79	16.74		
15	16QAM	1	0	16.50	16.67	16.77	16.64	16.84	18	0
15	16QAM	1	37	16.59	16.48	16.75	16.58	16.79		
15	16QAM	1	74	16.70	16.60	16.68	16.75	16.78		
15	16QAM	36	0	16.44	16.68	16.90	16.75	16.82	18	0
15	16QAM	36	20	16.68	16.83	16.78	16.73	16.59		
15	16QAM	36	39	16.60	16.54	16.89	16.80	16.71		
15	16QAM	75	0	16.62	16.69	16.83	16.75	16.59		
15	64QAM	1	0	16.59	16.58	16.60	16.76	16.67	18	0
15	64QAM	1	37	16.61	16.56	16.69	16.67	16.71		
15	64QAM	1	74	16.74	16.75	16.75	16.74	16.73		
15	64QAM	36	0	16.54	16.69	16.81	16.60	16.82	18	0
15	64QAM	36	20	16.73	16.66	16.73	16.88	16.72		
15	64QAM	36	39	16.44	16.74	16.76	16.70	16.69		
15	64QAM	75	0	16.59	16.84	16.80	16.79	16.59		
15	256QAM	1	0	16.70	16.63	16.71	16.63	16.76	18	0
15	256QAM	1	37	16.44	16.68	16.82	16.65	16.73		
15	256QAM	1	74	16.57	16.68	16.85	16.71	16.87		
15	256QAM	36	0	16.68	16.45	16.71	16.72	16.71	18	0
15	256QAM	36	20	16.60	16.81	16.59	16.63	16.65		
15	256QAM	36	39	16.63	16.80	16.81	16.72	16.78		
15	256QAM	75	0	16.38	16.63	16.81	16.77	16.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.73	16.79	16.98	16.80	16.99	18	0
10	QPSK	1	25	16.65	16.63	16.80	16.72	16.85		
10	QPSK	1	49	16.70	16.74	16.77	16.86	16.66		
10	QPSK	25	0	16.67	16.81	16.77	16.74	16.93	18	0
10	QPSK	25	12	16.46	16.57	16.84	16.75	16.69		
10	QPSK	25	25	16.54	16.66	16.70	16.56	16.91		
10	QPSK	50	0	16.57	16.75	16.88	16.80	16.67		
10	16QAM	1	0	16.47	16.67	16.89	16.59	16.77	18	0
10	16QAM	1	25	16.77	16.62	16.88	16.57	16.80		
10	16QAM	1	49	16.64	16.70	16.71	16.80	16.80		
10	16QAM	25	0	16.58	16.69	16.85	16.86	16.91	18	0
10	16QAM	25	12	16.75	16.78	16.81	16.74	16.62		
10	16QAM	25	25	16.57	16.62	16.70	16.72	16.80		
10	16QAM	50	0	16.65	16.62	16.66	16.85	16.76		
10	64QAM	1	0	16.45	16.56	16.75	16.78	16.66	18	0
10	64QAM	1	25	16.53	16.54	16.73	16.76	16.82		
10	64QAM	1	49	16.66	16.64	16.78	16.91	16.75		
10	64QAM	25	0	16.41	16.64	16.90	16.69	16.82	18	0
10	64QAM	25	12	16.69	16.68	16.67	16.84	16.67		
10	64QAM	25	25	16.54	16.72	16.91	16.56	16.74		
10	64QAM	50	0	16.66	16.69	16.72	16.83	16.74		
10	256QAM	1	0	16.75	16.55	16.74	16.56	16.77	18	0
10	256QAM	1	25	16.55	16.62	16.88	16.79	16.86		
10	256QAM	1	49	16.63	16.62	16.73	16.73	16.72		
10	256QAM	25	0	16.60	16.50	16.66	16.74	16.57	18	0
10	256QAM	25	12	16.61	16.74	16.77	16.65	16.61		
10	256QAM	25	25	16.71	16.77	16.77	16.66	16.73		
10	256QAM	50	0	16.44	16.49	16.79	16.84	16.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.76	16.84	16.84	16.80	16.88	18	0
5	QPSK	1	12	16.57	16.68	16.76	16.77	16.74		
5	QPSK	1	24	16.65	16.80	16.66	16.67	16.66		
5	QPSK	12	0	16.63	16.79	16.72	16.70	16.74	18	0
5	QPSK	12	7	16.57	16.54	16.71	16.57	16.61		
5	QPSK	12	13	16.58	16.61	16.71	16.52	16.83		
5	QPSK	25	0	16.62	16.55	16.68	16.70	16.74		
5	16QAM	1	0	16.42	16.57	16.85	16.69	16.79	18	0
5	16QAM	1	12	16.57	16.43	16.64	16.59	16.74		
5	16QAM	1	24	16.49	16.58	16.75	16.59	16.78		
5	16QAM	12	0	16.38	16.45	16.84	16.84	16.80	18	0
5	16QAM	12	7	16.70	16.66	16.86	16.58	16.51		
5	16QAM	12	13	16.53	16.50	16.69	16.56	16.67		
5	16QAM	25	0	16.65	16.54	16.82	16.74	16.56		
5	64QAM	1	0	16.40	16.46	16.56	16.71	16.54	18	0
5	64QAM	1	12	16.54	16.58	16.58	16.57	16.61		
5	64QAM	1	24	16.70	16.74	16.71	16.69	16.77		
5	64QAM	12	0	16.49	16.72	16.72	16.51	16.76	18	0
5	64QAM	12	7	16.53	16.52	16.76	16.85	16.58		
5	64QAM	12	13	16.52	16.75	16.80	16.58	16.64		
5	64QAM	25	0	16.64	16.62	16.65	16.73	16.53		
5	256QAM	1	0	16.58	16.44	16.54	16.65	16.87	18	0
5	256QAM	1	12	16.58	16.67	16.76	16.69	16.87		
5	256QAM	1	24	16.49	16.62	16.75	16.64	16.88		
5	256QAM	12	0	16.60	16.45	16.68	16.74	16.70	18	0
5	256QAM	12	7	16.46	16.60	16.63	16.49	16.71		
5	256QAM	12	13	16.62	16.61	16.78	16.65	16.73		
5	256QAM	25	0	16.46	16.45	16.73	16.80	16.66		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.31	21.23	21.32	21.26	21.31	22.2	0
20	QPSK	1	49	21.27	21.16	21.24	21.19	21.23		
20	QPSK	1	99	21.19	21.19	21.23	21.24	21.22		
20	QPSK	50	0	21.25	21.19	21.28	21.19	21.20	22.2	0
20	QPSK	50	24	21.22	21.12	21.24	21.13	21.06		
20	QPSK	50	50	21.18	21.09	21.24	21.05	21.18		
20	QPSK	100	0	21.13	21.10	21.27	21.10	21.17		
20	16QAM	1	0	21.20	21.14	21.21	21.15	21.08	22.2	0
20	16QAM	1	49	21.24	21.17	21.24	21.15	21.10		
20	16QAM	1	99	21.22	21.14	21.18	21.15	21.08		
20	16QAM	50	0	21.18	21.10	21.26	21.11	21.18	22.2	0
20	16QAM	50	24	21.21	21.12	21.18	21.11	21.08		
20	16QAM	50	50	21.14	21.15	21.19	21.09	21.17		
20	16QAM	100	0	21.15	21.09	21.27	21.17	21.07		
20	64QAM	1	0	21.12	21.10	21.16	21.04	21.17	22.2	0
20	64QAM	1	49	21.12	21.16	21.20	21.14	21.15		
20	64QAM	1	99	21.15	21.10	21.17	21.13	21.12		
20	64QAM	50	0	21.18	21.07	21.17	21.07	21.11	22.2	0
20	64QAM	50	24	21.12	21.06	21.15	21.17	21.06		
20	64QAM	50	50	21.17	21.17	21.18	21.17	21.14		
20	64QAM	100	0	21.20	21.10	21.17	21.17	21.05		
20	256QAM	1	0	21.17	21.09	21.23	21.17	21.13	20.7	1.5
20	256QAM	1	49	21.13	21.18	21.22	21.16	21.14		
20	256QAM	1	99	21.23	21.10	21.15	21.07	21.17		
20	256QAM	50	0	21.23	21.09	21.25	21.12	21.14	20.7	1.5
20	256QAM	50	24	21.14	21.04	21.13	21.08	21.14		
20	256QAM	50	50	21.15	21.17	21.26	21.18	21.11		
20	256QAM	100	0	21.23	21.14	21.21	21.05	21.16		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.22	21.18	21.24	21.13	21.19	22.2	0
15	QPSK	1	37	21.21	21.11	21.13	21.10	21.14		
15	QPSK	1	74	21.16	21.14	21.20	21.12	21.12		
15	QPSK	36	0	21.17	21.15	21.27	21.15	21.06	22.2	0
15	QPSK	36	20	21.17	21.08	21.11	21.03	21.05		
15	QPSK	36	39	21.12	20.98	21.21	20.98	21.17		
15	QPSK	75	0	21.00	21.03	21.14	21.01	21.05		
15	16QAM	1	0	21.12	21.12	21.06	21.14	21.01	22.2	0
15	16QAM	1	37	21.12	21.09	21.19	21.09	21.09		
15	16QAM	1	74	21.16	21.09	21.15	21.11	21.06		
15	16QAM	36	0	21.12	21.06	21.19	21.07	21.06	22.2	0
15	16QAM	36	20	21.16	21.04	21.04	21.00	20.98		
15	16QAM	36	39	21.03	21.11	21.09	20.99	21.10		
15	16QAM	75	0	21.06	21.06	21.14	21.02	20.96		
15	64QAM	1	0	20.97	21	21.08	21.01	21.15	22.2	0
15	64QAM	1	37	21.07	21.04	21.10	21.07	21.07		
15	64QAM	1	74	21.06	21.07	21.08	21.04	21.02		
15	64QAM	36	0	21.03	20.94	21.04	21.05	21.05	22.2	0
15	64QAM	36	20	20.97	21.01	21.06	21.09	20.91		
15	64QAM	36	39	21.14	21.12	21.08	21.06	21.06		
15	64QAM	75	0	21.15	20.98	21.03	21.07	20.91		
15	256QAM	1	0	21.15	21.00	21.08	21.03	20.98	20.7	1.5
15	256QAM	1	37	21.01	21.08	21.12	21.01	21.08		
15	256QAM	1	74	21.08	21.00	21.02	20.94	21.10		
15	256QAM	36	0	21.19	21.00	21.10	20.99	21.11	20.7	1.5
15	256QAM	36	20	21.06	21.02	21.09	21.02	21.11		
15	256QAM	36	39	21.07	21.16	21.13	21.10	21.09		
15	256QAM	75	0	21.17	21.02	21.16	21.04	21.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.28	21.20	21.19	21.22	21.27	22.2	0
10	QPSK	1	25	21.20	21.14	21.14	21.16	21.16		
10	QPSK	1	49	21.09	21.08	21.08	21.15	21.13		
10	QPSK	25	0	21.11	21.14	21.26	21.10	21.06	22.2	0
10	QPSK	25	12	21.09	21.11	21.14	21.09	21.00		
10	QPSK	25	25	21.05	21.06	21.09	21.03	21.16		
10	QPSK	50	0	21.01	21.07	21.20	21.02	21.11		
10	16QAM	1	0	21.11	21.00	21.10	21.14	21.05	22.2	0
10	16QAM	1	25	21.20	21.13	21.14	21.02	20.98		
10	16QAM	1	49	21.11	21.03	21.16	21.14	21.04		
10	16QAM	25	0	21.15	20.96	21.15	21.02	21.11	22.2	0
10	16QAM	25	12	21.10	21.11	21.15	20.96	20.93		
10	16QAM	25	25	21.08	21.02	21.05	21.01	21.13		
10	16QAM	50	0	21.07	20.97	21.14	21.02	20.98		
10	64QAM	1	0	21.11	21.04	21.06	20.94	21.02	22.2	0
10	64QAM	1	25	21.11	21.12	21.06	21.08	21.09		
10	64QAM	1	49	21.02	20.97	21.10	21.08	21.06		
10	64QAM	25	0	21.04	20.94	21.13	21.00	21.03	22.2	0
10	64QAM	25	12	21.02	21.00	21.14	21.07	20.96		
10	64QAM	25	25	21.16	21.12	21.04	21.03	21.10		
10	64QAM	50	0	21.16	20.99	21.11	21.03	20.96		
10	256QAM	1	0	21.09	20.97	21.19	21.03	21.06	20.7	1.5
10	256QAM	1	25	21.02	21.03	21.13	21.10	21.03		
10	256QAM	1	49	21.19	21.02	21.07	21.00	21.07		
10	256QAM	25	0	21.15	21.05	21.14	21.08	21.01	20.7	1.5
10	256QAM	25	12	21.02	20.99	21.00	20.96	21.04		
10	256QAM	25	25	21.02	21.05	21.18	21.03	21.01		
10	256QAM	50	0	21.22	21.05	21.09	21.04	21.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.22	21.20	21.18	21.18	21.20	22.2	0
5	QPSK	1	12	21.26	21.14	21.12	21.12	21.20		
5	QPSK	1	24	21.07	21.07	21.12	21.16	21.10		
5	QPSK	12	0	21.21	21.14	21.26	21.17	21.11	22.2	0
5	QPSK	12	7	21.17	21.11	21.09	21.12	20.91		
5	QPSK	12	13	21.07	20.95	21.11	21.00	21.08		
5	QPSK	25	0	21.01	21.02	21.19	21.09	21.15		
5	16QAM	1	0	21.10	21.08	21.18	21.03	20.99	22.2	0
5	16QAM	1	12	21.23	21.05	21.19	21.02	20.99		
5	16QAM	1	24	21.19	21.07	21.10	21.00	20.95		
5	16QAM	12	0	21.16	21.00	21.19	20.99	21.17	22.2	0
5	16QAM	12	7	21.20	21.00	21.10	21.08	20.98		
5	16QAM	12	13	21.12	21.00	21.12	20.98	21.14		
5	16QAM	25	0	21.06	21.06	21.17	21.11	21.05		
5	64QAM	1	0	21.08	21.08	21.14	20.99	21.02	22.2	0
5	64QAM	1	12	21.06	21.04	21.06	21.03	21.02		
5	64QAM	1	24	21.12	20.97	21.03	21.07	21.02		
5	64QAM	12	0	21.11	20.92	21.06	20.97	21.08	22.2	0
5	64QAM	12	7	21.11	20.99	21.03	21.02	21.04		
5	64QAM	12	13	21.15	21.11	21.12	21.02	21.07		
5	64QAM	25	0	21.11	21.03	21.02	21.09	20.94		
5	256QAM	1	0	21.09	21.08	21.21	21.11	21.09	20.7	1.5
5	256QAM	1	12	21.09	21.05	21.20	21.01	21.03		
5	256QAM	1	24	21.21	21.04	21.01	20.92	21.02		
5	256QAM	12	0	21.19	21.07	21.24	21.11	21.13	20.7	1.5
5	256QAM	12	7	21.02	20.96	21.08	20.99	21.08		
5	256QAM	12	13	21.06	21.12	21.25	21.09	21.10		
5	256QAM	25	0	21.10	21.02	21.09	20.90	21.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.19	19.12	19.33	19.24	19.28	20	0
20	QPSK	1	49	19.14	18.95	19.23	19.21	19.26		
20	QPSK	1	99	19.10	18.92	19.28	19.15	19.22		
20	QPSK	50	0	19.16	19.05	19.30	19.25	19.28	20	0
20	QPSK	50	24	19.09	18.92	19.18	19.13	19.19		
20	QPSK	50	50	19.12	18.98	19.24	19.16	19.18		
20	QPSK	100	0	19.03	19.01	19.21	19.11	19.20		
20	16QAM	1	0	19.14	18.99	19.23	19.24	19.24	20	0
20	16QAM	1	49	19.09	18.96	19.29	19.18	19.27		
20	16QAM	1	99	19.01	19.03	19.27	19.13	19.22		
20	16QAM	50	0	19.08	19.00	19.26	19.14	19.22	20	0
20	16QAM	50	24	19.03	19.02	19.20	19.20	19.23		
20	16QAM	50	50	19.09	19.01	19.26	19.16	19.13		
20	16QAM	100	0	19.09	19.02	19.25	19.24	19.13		
20	64QAM	1	0	19.08	18.94	19.19	19.10	19.13	20	0
20	64QAM	1	49	19.02	18.92	19.25	19.24	19.13		
20	64QAM	1	99	19.14	18.90	19.23	19.14	19.18		
20	64QAM	50	0	19.14	18.96	19.22	19.18	19.21	20	0
20	64QAM	50	24	19.08	18.98	19.19	19.18	19.22		
20	64QAM	50	50	19.10	18.94	19.22	19.21	19.19		
20	64QAM	100	0	19.05	18.91	19.24	19.20	19.21		
20	256QAM	1	0	18.57	18.54	18.75	18.71	18.67	19.5	0.5
20	256QAM	1	49	18.59	18.40	18.70	18.72	18.77		
20	256QAM	1	99	18.53	18.50	18.67	18.72	18.65		
20	256QAM	50	0	18.63	18.48	18.75	18.67	18.75	19.5	0.5
20	256QAM	50	24	18.63	18.51	18.71	18.70	18.66		
20	256QAM	50	50	18.52	18.41	18.76	18.60	18.69		
20	256QAM	100	0	18.55	18.41	18.73	18.67	18.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.16	19.09	19.24	19.16	19.14	20	0
15	QPSK	1	37	19.12	18.83	19.13	19.06	19.12		
15	QPSK	1	74	18.98	18.78	19.19	19.05	19.12		
15	QPSK	36	0	19.11	18.93	19.16	19.14	19.13	20	0
15	QPSK	36	20	18.94	18.87	19.06	19.08	19.16		
15	QPSK	36	39	19.09	18.84	19.09	19.11	19.15		
15	QPSK	75	0	19.00	18.91	19.06	18.96	19.09		
15	16QAM	1	0	19.03	18.94	19.15	19.17	19.18	20	0
15	16QAM	1	37	19.05	18.91	19.22	19.13	19.24		
15	16QAM	1	74	18.86	18.99	19.14	19.04	19.18		
15	16QAM	36	0	18.93	18.94	19.15	19.10	19.20	20	0
15	16QAM	36	20	18.89	19.01	19.07	19.08	19.17		
15	16QAM	36	39	19.01	18.96	19.17	19.08	18.98		
15	16QAM	75	0	19.04	18.99	19.14	19.20	18.98		
15	64QAM	1	0	19.07	18.80	19.16	19.06	19.05	20	0
15	64QAM	1	37	18.93	18.87	19.17	19.19	18.98		
15	64QAM	1	74	19.09	18.77	19.12	19.02	19.14		
15	64QAM	36	0	19.02	18.84	19.17	19.10	19.14	20	0
15	64QAM	36	20	18.96	18.97	19.05	19.12	19.18		
15	64QAM	36	39	19.00	18.87	19.15	19.15	19.11		
15	64QAM	75	0	18.96	18.79	19.16	19.13	19.11		
15	256QAM	1	0	18.54	18.39	18.71	18.59	18.58	19.5	0.5
15	256QAM	1	37	18.53	18.28	18.56	18.60	18.71		
15	256QAM	1	74	18.49	18.47	18.56	18.71	18.57		
15	256QAM	36	0	18.53	18.36	18.72	18.62	18.73	19.5	0.5
15	256QAM	36	20	18.51	18.42	18.70	18.69	18.58		
15	256QAM	36	39	18.40	18.36	18.68	18.58	18.64		
15	256QAM	75	0	18.40	18.29	18.61	18.66	18.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.14	19.02	19.22	19.15	19.21	20	0
10	QPSK	1	25	19.13	18.81	19.10	19.06	19.11		
10	QPSK	1	49	19.02	18.80	19.16	19.07	19.14		
10	QPSK	25	0	19.01	19.04	19.23	19.13	19.14	20	0
10	QPSK	25	12	18.98	18.79	19.10	19.12	19.12		
10	QPSK	25	25	19.11	18.96	19.17	19.03	19.16		
10	QPSK	50	0	19.00	18.96	19.19	19.08	19.05		
10	16QAM	1	0	19.05	18.88	19.14	19.16	19.09	20	0
10	16QAM	1	25	18.96	18.89	19.22	19.05	19.21		
10	16QAM	1	49	18.94	18.94	19.21	19.11	19.07		
10	16QAM	25	0	18.95	18.87	19.14	19.02	19.13	20	0
10	16QAM	25	12	18.94	18.95	19.15	19.14	19.12		
10	16QAM	25	25	18.94	18.86	19.15	19.02	19.11		
10	16QAM	50	0	19.08	18.96	19.19	19.20	19.00		
10	64QAM	1	0	19.04	18.90	19.05	18.95	19.02	20	0
10	64QAM	1	25	18.87	18.90	19.21	19.11	19.12		
10	64QAM	1	49	19.08	18.82	19.18	19.05	19.10		
10	64QAM	25	0	18.99	18.90	19.10	19.12	19.18	20	0
10	64QAM	25	12	18.96	18.91	19.09	19.04	19.09		
10	64QAM	25	25	19.04	18.86	19.18	19.17	19.11		
10	64QAM	50	0	19.02	18.76	19.23	19.14	19.16		
10	256QAM	1	0	18.48	18.43	18.74	18.64	18.55	19.5	0.5
10	256QAM	1	25	18.57	18.38	18.69	18.69	18.64		
10	256QAM	1	49	18.47	18.39	18.55	18.59	18.53		
10	256QAM	25	0	18.53	18.47	18.69	18.66	18.65	19.5	0.5
10	256QAM	25	12	18.60	18.39	18.70	18.56	18.58		
10	256QAM	25	25	18.37	18.36	18.64	18.46	18.65		
10	256QAM	50	0	18.48	18.36	18.61	18.58	18.66		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.07	19.05	19.18	19.12	19.15	20	0
5	QPSK	1	12	19.02	18.91	19.10	19.18	19.13		
5	QPSK	1	24	18.97	18.86	19.14	19.03	19.13		
5	QPSK	12	0	19.15	18.91	19.17	19.16	19.24	20	0
5	QPSK	12	7	19.04	18.80	19.13	19.07	19.08		
5	QPSK	12	13	19.06	18.87	19.19	19.02	19.03		
5	QPSK	25	0	18.93	18.90	19.20	19.08	19.05		
5	16QAM	1	0	19.07	18.91	19.20	19.16	19.20	20	0
5	16QAM	1	12	18.98	18.95	19.23	19.07	19.21		
5	16QAM	1	24	18.95	18.95	19.15	19.12	19.09		
5	16QAM	12	0	18.98	18.99	19.12	19.11	19.17	20	0
5	16QAM	12	7	18.91	18.89	19.15	19.15	19.15		
5	16QAM	12	13	18.95	18.94	19.18	19.13	19.10		
5	16QAM	25	0	19.02	19.01	19.13	19.16	19.10		
5	64QAM	1	0	19.04	18.91	19.06	19.04	19.10	20	0
5	64QAM	1	12	18.90	18.86	19.14	19.12	18.99		
5	64QAM	1	24	19.00	18.84	19.12	19.02	19.14		
5	64QAM	12	0	19.03	18.84	19.12	19.16	19.16	20	0
5	64QAM	12	7	18.96	18.84	19.15	19.10	19.12		
5	64QAM	12	13	18.96	18.82	19.20	19.07	19.13		
5	64QAM	25	0	19.01	18.83	19.14	19.11	19.10		
5	256QAM	1	0	18.47	18.52	18.63	18.69	18.54	19.5	0.5
5	256QAM	1	12	18.53	18.36	18.64	18.58	18.73		
5	256QAM	1	24	18.48	18.43	18.65	18.57	18.60		
5	256QAM	12	0	18.51	18.39	18.69	18.57	18.74	19.5	0.5
5	256QAM	12	7	18.61	18.39	18.69	18.67	18.62		
5	256QAM	12	13	18.44	18.32	18.65	18.55	18.56		
5	256QAM	25	0	18.51	18.32	18.63	18.63	18.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.01	17.99	18.20	17.99	18.10	18.7	0
20	QPSK	1	49	17.94	17.65	18.10	17.88	17.93		
20	QPSK	1	99	17.98	17.74	18.12	17.79	18.01		
20	QPSK	50	0	17.84	17.68	18.16	17.86	17.90	18.7	0
20	QPSK	50	24	17.79	17.58	18.15	17.66	17.82		
20	QPSK	50	50	17.70	17.62	18.07	17.84	17.87		
20	QPSK	100	0	17.83	17.60	18.10	17.73	17.73		
20	16QAM	1	0	17.76	17.49	18.07	17.66	17.86	18.7	0
20	16QAM	1	49	17.78	17.66	18.00	17.83	17.81		
20	16QAM	1	99	17.68	17.49	18.06	17.85	17.83		
20	16QAM	50	0	17.80	17.66	18.10	17.81	17.77	18.7	0
20	16QAM	50	24	17.71	17.61	18.04	17.68	17.80		
20	16QAM	50	50	17.79	17.57	18.00	17.68	17.79		
20	16QAM	100	0	17.71	17.66	18.19	17.68	17.74		
20	64QAM	1	0	17.73	17.57	18.12	17.76	17.86	18.7	0
20	64QAM	1	49	17.83	17.49	18.12	17.82	17.84		
20	64QAM	1	99	17.82	17.62	18.09	17.66	17.84		
20	64QAM	50	0	17.65	17.52	18.17	17.70	17.79	18.7	0
20	64QAM	50	24	17.64	17.51	18.07	17.74	17.78		
20	64QAM	50	50	17.83	17.62	18.06	17.76	17.79		
20	64QAM	100	0	17.69	17.64	18.07	17.71	17.71		
20	256QAM	1	0	17.92	17.61	18.11	17.94	17.84	18.7	0
20	256QAM	1	49	17.94	17.70	18.19	17.86	17.91		
20	256QAM	1	99	17.90	17.67	18.19	17.90	17.98		
20	256QAM	50	0	17.77	17.62	18.14	17.94	18.01	18.7	0
20	256QAM	50	24	17.83	17.68	18.14	17.81	17.93		
20	256QAM	50	50	17.90	17.71	18.16	17.82	17.92		
20	256QAM	100	0	17.89	17.65	18.19	17.83	17.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.99	17.87	18.13	17.98	18.07	18.7	0
15	QPSK	1	37	17.92	17.60	18.02	17.85	17.82		
15	QPSK	1	74	17.89	17.63	18.01	17.74	17.98		
15	QPSK	36	0	17.73	17.65	18.02	17.72	17.83	18.7	0
15	QPSK	36	20	17.68	17.54	18.05	17.61	17.74		
15	QPSK	36	39	17.68	17.55	18.06	17.77	17.83		
15	QPSK	75	0	17.82	17.55	17.97	17.67	17.61		
15	16QAM	1	0	17.74	17.44	18.00	17.64	17.81	18.7	0
15	16QAM	1	37	17.65	17.61	17.85	17.68	17.74		
15	16QAM	1	74	17.55	17.38	17.99	17.73	17.81		
15	16QAM	36	0	17.68	17.54	17.96	17.74	17.72	18.7	0
15	16QAM	36	20	17.64	17.60	18.01	17.54	17.67		
15	16QAM	36	39	17.72	17.54	17.96	17.61	17.73		
15	16QAM	75	0	17.64	17.65	18.15	17.61	17.73		
15	64QAM	1	0	17.66	17.51	17.98	17.71	17.80	18.7	0
15	64QAM	1	37	17.72	17.43	17.99	17.78	17.82		
15	64QAM	1	74	17.69	17.58	17.98	17.62	17.80		
15	64QAM	36	0	17.62	17.46	18.12	17.57	17.68	18.7	0
15	64QAM	36	20	17.54	17.49	17.97	17.62	17.63		
15	64QAM	36	39	17.76	17.48	17.91	17.65	17.76		
15	64QAM	75	0	17.55	17.54	17.92	17.69	17.57		
15	256QAM	1	0	17.90	17.56	18.05	17.79	17.74	18.7	0
15	256QAM	1	37	17.89	17.59	18.17	17.84	17.83		
15	256QAM	1	74	17.87	17.55	18.14	17.80	17.90		
15	256QAM	36	0	17.63	17.49	18.12	17.93	17.94	18.7	0
15	256QAM	36	20	17.72	17.61	18.01	17.79	17.81		
15	256QAM	36	39	17.87	17.56	18.10	17.76	17.89		
15	256QAM	75	0	17.81	17.58	18.13	17.82	17.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.91	17.84	18.16	17.90	18.06	18.7	0
10	QPSK	1	25	17.89	17.62	18.04	17.84	17.90		
10	QPSK	1	49	17.88	17.60	18.02	17.66	17.86		
10	QPSK	25	0	17.71	17.53	18.10	17.81	17.83	18.7	0
10	QPSK	25	12	17.75	17.53	18.06	17.52	17.71		
10	QPSK	25	25	17.69	17.60	18.00	17.79	17.75		
10	QPSK	50	0	17.75	17.59	17.99	17.60	17.70		
10	16QAM	1	0	17.64	17.39	18.00	17.56	17.81	18.7	0
10	16QAM	1	25	17.77	17.56	17.94	17.82	17.71		
10	16QAM	1	49	17.54	17.34	17.97	17.84	17.76		
10	16QAM	25	0	17.72	17.60	17.96	17.72	17.76	18.7	0
10	16QAM	25	12	17.60	17.53	18.02	17.60	17.77		
10	16QAM	25	25	17.71	17.44	17.95	17.57	17.65		
10	16QAM	50	0	17.69	17.63	18.08	17.60	17.69		
10	64QAM	1	0	17.60	17.53	18.10	17.71	17.75	18.7	0
10	64QAM	1	25	17.68	17.43	17.99	17.79	17.77		
10	64QAM	1	49	17.77	17.61	18.02	17.61	17.71		
10	64QAM	25	0	17.58	17.41	18.05	17.58	17.64	18.7	0
10	64QAM	25	12	17.56	17.36	18.04	17.59	17.67		
10	64QAM	25	25	17.80	17.50	17.96	17.66	17.74		
10	64QAM	50	0	17.62	17.51	17.95	17.57	17.56		
10	256QAM	1	0	17.77	17.48	18.01	17.93	17.72	18.7	0
10	256QAM	1	25	17.83	17.68	18.04	17.72	17.80		
10	256QAM	1	49	17.84	17.59	18.09	17.87	17.91		
10	256QAM	25	0	17.68	17.50	18.11	17.87	17.95	18.7	0
10	256QAM	25	12	17.77	17.53	18.12	17.69	17.89		
10	256QAM	25	25	17.83	17.67	18.08	17.67	17.90		
10	256QAM	50	0	17.84	17.61	18.11	17.81	17.74		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.98	17.92	18.08	17.93	18.01	18.7	0
5	QPSK	1	12	17.81	17.54	18.04	17.75	17.86		
5	QPSK	1	24	17.97	17.63	18.04	17.75	17.99		
5	QPSK	12	0	17.69	17.60	18.11	17.81	17.81	18.7	0
5	QPSK	12	7	17.76	17.44	18.11	17.65	17.76		
5	QPSK	12	13	17.69	17.57	17.98	17.80	17.75		
5	QPSK	25	0	17.74	17.56	17.95	17.67	17.68		
5	16QAM	1	0	17.66	17.39	18.05	17.52	17.80	18.7	0
5	16QAM	1	12	17.70	17.65	17.89	17.80	17.78		
5	16QAM	1	24	17.57	17.47	17.95	17.80	17.72		
5	16QAM	12	0	17.66	17.53	18.01	17.71	17.75	18.7	0
5	16QAM	12	7	17.67	17.56	18.02	17.63	17.70		
5	16QAM	12	13	17.72	17.54	17.91	17.61	17.76		
5	16QAM	25	0	17.68	17.59	18.10	17.54	17.65		
5	64QAM	1	0	17.70	17.52	17.98	17.72	17.75	18.7	0
5	64QAM	1	12	17.70	17.37	18.03	17.79	17.83		
5	64QAM	1	24	17.67	17.60	18.07	17.55	17.69		
5	64QAM	12	0	17.58	17.49	18.08	17.63	17.64	18.7	0
5	64QAM	12	7	17.57	17.42	17.94	17.65	17.68		
5	64QAM	12	13	17.72	17.52	18.04	17.66	17.67		
5	64QAM	25	0	17.67	17.50	17.93	17.63	17.56		
5	256QAM	1	0	17.84	17.48	17.98	17.79	17.77	18.7	0
5	256QAM	1	12	17.93	17.68	18.10	17.79	17.86		
5	256QAM	1	24	17.83	17.64	18.05	17.84	17.92		
5	256QAM	12	0	17.62	17.56	18.13	17.79	17.99	18.7	0
5	256QAM	12	7	17.70	17.54	18.00	17.74	17.88		
5	256QAM	12	13	17.77	17.67	18.04	17.72	17.79		
5	256QAM	25	0	17.84	17.58	18.07	17.70	17.77		

Uplink CA Power

CA_7C_Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full power	22.96	24.00
21100	21298	QPSK	1	0	0	0	1	0	Full power	22.98	24.00
21350	21152	QPSK	1	0	0	0	1	0	Full power	22.95	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	16.48	18.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	16.62	18.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	16.58	18.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	21.17	22.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 1	21.19	22.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	20.93	22.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	22.96	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 3	22.98	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	22.95	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	16.48	18.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	16.62	18.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	16.58	18.00

CA_7C_Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full power	24.02	25.50
21100	21298	QPSK	1	0	0	0	1	0	Full power	24.20	25.50
21350	21152	QPSK	1	0	0	0	1	0	Full power	23.97	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	24.02	25.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	24.20	25.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	23.97	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	18.96	20.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 1	19.14	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	18.92	20.50
20850	21048	QPSK	50	0	0	0	1	0	DSI 3	23.07	24.50
21100	21298	QPSK	50	0	0	0	1	0	DSI 3	23.21	24.50
21350	21152	QPSK	50	0	0	0	1	0	DSI 3	22.99	24.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	18.96	20.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	19.14	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	18.92	20.50

CA_7C_Ant 3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full power	22.31	24.00
21100	21298	QPSK	1	0	0	0	1	0	Full power	22.56	24.00
21350	21152	QPSK	1	0	0	0	1	0	Full power	22.34	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	17.64	19.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	18.07	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	17.83	19.50
20850	21048	QPSK	50	0	0	0	1	0	DSI 1	19.65	21.50
21100	21298	QPSK	50	0	0	0	1	0	DSI 1	20.04	21.50
21350	21152	QPSK	50	0	0	0	1	0	DSI 1	19.92	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	22.31	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 3	22.56	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	22.34	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	17.64	19.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	18.07	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	17.83	19.50

CA_7C_Ant 4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full power	23.86	25.50
21100	21298	QPSK	1	0	0	0	1	0	Full power	23.94	25.50
21350	21152	QPSK	1	0	0	0	1	0	Full power	23.82	25.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	18.30	19.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	18.41	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	18.25	19.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	20.53	22.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 1	20.60	22.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	20.45	22.00
20850	21048	QPSK	50	0	0	0	1	0	DSI 3	20.53	22.00
21100	21298	QPSK	50	0	0	0	1	0	DSI 3	20.60	22.00
21350	21152	QPSK	50	0	0	0	1	0	DSI 3	20.45	22.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	18.30	19.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	18.41	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	18.25	19.50

CA_38C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full power	23.11	24.50
37901	38099	QPSK	1	0	0	0	1	0	Full power	23.17	24.50
38150	37952	QPSK	1	0	0	0	1	0	Full power	23.00	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 0	18.65	20.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 0	18.74	20.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 0	18.70	20.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	22.31	23.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	22.39	23.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	22.22	23.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	23.11	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	23.17	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	23.00	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	18.65	20.00
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	18.74	20.00
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	18.70	20.00

CA_38C_Ant 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full power	23.97	25.70
37901	38099	QPSK	1	0	0	0	1	0	Full power	24.15	25.70
38150	37952	QPSK	1	0	0	0	1	0	Full power	24.03	25.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 0	23.97	25.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 0	24.15	25.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 0	24.03	25.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	22.03	23.20
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	22.13	23.20
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	22.05	23.20
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	23.97	25.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	24.15	25.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	24.03	25.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 4	22.03	23.20
37901	38099	QPSK	1	0	0	0	1	0	DSI 4	22.13	23.20
38150	37952	QPSK	1	0	0	0	1	0	DSI 4	22.05	23.20

CA_38C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full power	22.97	24.50
37901	38099	QPSK	1	0	0	0	1	0	Full power	22.99	24.50
38150	37952	QPSK	1	0	0	0	1	0	Full power	22.79	24.50
37850	38048	QPSK	50	0	0	0	1	0	DSI 0	20.88	22.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 0	20.95	22.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 0	20.85	22.00
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	22.25	23.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	22.33	23.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	22.19	23.50
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	22.97	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	22.99	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	22.79	24.50
37850	38048	QPSK	50	0	0	0	1	0	DSI 4	20.88	22.00
37901	38099	QPSK	50	0	0	0	1	0	DSI 4	20.95	22.00
38150	37952	QPSK	50	0	0	0	1	0	DSI 4	20.85	22.00

CA_38C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full power	24.19	25.70
37901	38099	QPSK	1	0	0	0	1	0	Full power	24.35	25.70
38150	37952	QPSK	1	0	0	0	1	0	Full power	24.25	25.70
37850	38048	QPSK	50	0	0	0	1	0	DSI 0	20.15	21.20
37901	38099	QPSK	50	0	0	0	1	0	DSI 0	20.16	21.20
38150	37952	QPSK	50	0	0	0	1	0	DSI 0	20.08	21.20
37850	38048	QPSK	1	0	0	0	1	0	DSI 1	22.55	23.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 1	22.69	23.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 1	22.64	23.70
37850	38048	QPSK	1	0	0	0	1	0	DSI 3	22.55	23.70
37901	38099	QPSK	1	0	0	0	1	0	DSI 3	22.69	23.70
38150	37952	QPSK	1	0	0	0	1	0	DSI 3	22.64	23.70
37850	38048	QPSK	50	0	0	0	1	0	DSI 4	20.15	21.20
37901	38099	QPSK	50	0	0	0	1	0	DSI 4	20.16	21.20
38150	37952	QPSK	50	0	0	0	1	0	DSI 4	20.08	21.20

DL CA Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	23.52	23.88
		CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	23.86	23.96
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.77	22.99
		CA_26A-38A	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595	38000	23.71	23.82
		CA_26A-41A	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	23.73	23.82
		CA_2A-26A	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	23.70	23.96
		CA_2A-38A	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000	23.76	23.96
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.50	1175	23.75	23.96
		CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.50	2375	24.78	24.96
	Contiguous	CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.80	38048	25.01	25.12
		CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	25.25	25.33
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.30	66979	23.88	24.14
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	23.96	24.14

3CC

Configure		CA Configuration (BCS)	PCC							SCC				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	23.77	23.96
		CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	23.75	23.96
		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.68	23.96
		CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.80	23.96
		CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2506	39750	Band 41	20M	2680	41490	25.21	25.33
		CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.66	24.96
		CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.55	23.81
		CA_7A-66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	23.98	24.14
		CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.68	23.81
		CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	23.71	23.96
		CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	23.66	23.96
		CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.82	23.96
		CA_5A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.55	23.81
Intra-Band	Non-Contiguous	CA_41D	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	25.11	25.33

Default & Full Power

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.59	23.55	25.5	0.0
20	PI/2 BPSK	1	53	23.56	23.58	23.57		
20	PI/2 BPSK	1	104	23.53	23.52	23.56		
20	PI/2 BPSK	50	0	23.08	23.03	23.06	25.0	0.5
20	PI/2 BPSK	50	28	23.54	23.57	23.56	25.5	0.0
20	PI/2 BPSK	50	56	23.09	23.12	23.08	25.0	0.5
20	PI/2 BPSK	100	0	23.03	23.10	23.09		
20	QPSK	1	1	23.56	23.62	23.59	25.5	0.0
20	QPSK	1	53	23.54	23.60	23.55		
20	QPSK	1	104	23.51	23.58	23.53		
20	QPSK	50	0	22.51	22.53	22.51	24.5	1.0
20	QPSK	50	28	23.52	23.60	23.51	25.5	0.0
20	QPSK	50	56	22.59	22.51	22.51	24.5	1.0
20	QPSK	100	0	22.52	22.59	22.56		
20	16QAM	1	1	23.36	23.42	23.35	24.5	1.0
20	64QAM	1	1	22.05	22.16	21.97	23.0	2.5
20	256QAM	1	1	19.04	19.23	19.10	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.51	23.56	23.53	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.54	23.52	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.52	23.55	23.55	25.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.94	22.95	22.76	24.5	0.0
50	PI/2 BPSK	1	135	22.88	22.99	22.97		
50	PI/2 BPSK	1	268	22.95	22.95	22.91		
50	PI/2 BPSK	135	0	22.31	22.31	22.28	24.0	0.5
50	PI/2 BPSK	135	68	22.80	22.98	22.85	24.5	0.0
50	PI/2 BPSK	135	135	22.32	22.42	22.40	24.0	0.5
50	PI/2 BPSK	270	0	22.18	22.36	22.28		
50	QPSK	1	1	22.88	23.03	22.81	24.5	0.0
50	QPSK	1	135	22.86	22.94	22.79		
50	QPSK	1	268	22.66	22.77	22.70		
50	QPSK	135	0	21.71	21.88	21.81	23.5	1.0
50	QPSK	135	68	22.82	22.86	22.77	24.5	0.0
50	QPSK	135	135	21.55	21.66	21.52	23.5	1.0
50	QPSK	270	0	21.82	21.89	21.76		
50	16QAM	1	1	21.66	21.77	21.76	23.5	1.0
50	64QAM	1	1	20.23	20.31	20.18	22.0	2.5
50	256QAM	1	1	18.65	18.72	18.52	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.78	22.98	22.79	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.79	22.97	22.77	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.81	23.01	22.73	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.83	22.97	22.70	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.84	22.96	22.70	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.82	22.91	22.75	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.83	22.93	22.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.41	24.52	24.40	25.5	0.0
50	PI/2 BPSK	1	135	24.50	24.50	24.33		
50	PI/2 BPSK	1	268	24.23	24.43	24.38		
50	PI/2 BPSK	135	0	24.17	24.22	24.13	25.0	0.5
50	PI/2 BPSK	135	68	24.38	24.49	24.37	25.5	0.0
50	PI/2 BPSK	135	135	24.08	24.22	24.02	25.0	0.5
50	PI/2 BPSK	270	0	24.13	24.29	24.23		
50	QPSK	1	1	24.49	24.56	24.52	25.5	0.0
50	QPSK	1	135	24.27	24.47	24.33		
50	QPSK	1	268	24.40	24.52	24.44		
50	QPSK	135	0	23.49	23.64	23.50	24.5	1.0
50	QPSK	135	68	24.46	24.51	24.44	25.5	0.0
50	QPSK	135	135	23.47	23.55	23.38	24.5	1.0
50	QPSK	270	0	23.52	23.58	23.49		
50	16QAM	1	1	23.30	23.32	23.20	24.5	1.0
50	64QAM	1	1	21.88	21.79	21.68	23.0	2.5
50	256QAM	1	1	20.18	20.37	20.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.40	24.52	24.47	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.46	24.48	24.47	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.44	24.54	24.48	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.41	24.47	24.44	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.45	24.53	24.42	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.38	24.49	24.47	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.38	24.52	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2532	2535	2545		
50	PI/2 BPSK	1	1	22.62	22.79	22.66		
50	PI/2 BPSK	1	135	22.69	22.88	22.88	24.5	0.0
50	PI/2 BPSK	1	268	22.65	22.82	22.67		
50	PI/2 BPSK	135	0	22.48	22.49	22.44	24.0	0.5
50	PI/2 BPSK	135	68	23.01	23.05	23.04	24.5	0.0
50	PI/2 BPSK	135	135	22.44	22.61	22.57	24.0	0.5
50	PI/2 BPSK	270	0	22.48	22.53	22.41		
50	QPSK	1	1	23.01	23.06	22.97		
50	QPSK	1	135	22.84	22.87	22.73	24.5	0.0
50	QPSK	1	268	22.75	22.82	22.70		
50	QPSK	135	0	21.78	21.93	21.83	23.5	1.0
50	QPSK	135	68	22.72	23.04	22.71	24.5	0.0
50	QPSK	135	135	21.91	22.10	22.03	23.5	1.0
50	QPSK	270	0	21.97	22.07	22.06		
50	16QAM	1	1	21.86	21.92	21.72	23.5	1.0
50	64QAM	1	1	20.25	20.28	20.12	22.0	2.5
50	256QAM	1	1	18.64	18.76	18.74	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2524	2535	2550	(dBm)	(dB)
40	QPSK	1	1	22.91	23.01	22.89	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.92	22.98	22.86	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.98	23.00	22.91	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	22.89	23.00	22.87	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.98	23.03	22.88	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.90	23.00	22.95	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.97	23.02	22.93	24.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2532	2535	2545		
50	PI/2 BPSK	1	1	24.13	24.31	24.23		
50	PI/2 BPSK	1	135	24.41	24.45	24.32	25.5	0.0
50	PI/2 BPSK	1	268	24.17	24.34	24.33		
50	PI/2 BPSK	135	0	23.91	24.06	24.04	25.0	0.5
50	PI/2 BPSK	135	68	24.29	24.44	24.30	25.5	0.0
50	PI/2 BPSK	135	135	24.08	24.18	24.04	25.0	0.5
50	PI/2 BPSK	270	0	24.02	24.14	24.13		
50	QPSK	1	1	24.42	24.47	24.37		
50	QPSK	1	135	24.32	24.39	24.30	25.5	0.0
50	QPSK	1	268	24.35	24.35	24.24		
50	QPSK	135	0	23.38	23.51	23.36	24.5	1.0
50	QPSK	135	68	24.39	24.44	24.32	25.5	0.0
50	QPSK	135	135	23.42	23.62	23.50	24.5	1.0
50	QPSK	270	0	23.38	23.48	23.45		
50	16QAM	1	1	23.09	23.26	23.21	24.5	1.0
50	64QAM	1	1	21.49	21.53	21.34	23.0	2.5
50	256QAM	1	1	20.00	20.13	20.11	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	24.40	24.36	24.26	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	24.37	24.43	24.31	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.33	24.42	24.35	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	24.33	24.44	24.28	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.38	24.41	24.29	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.34	24.37	24.34	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.34	24.42	24.26	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.16	22.05		
40	PI/2 BPSK	1	108	22.18	22.26	22.25	24.0	0.0
40	PI/2 BPSK	1	214	22.09	22.15	22.07		
40	PI/2 BPSK	108	0	21.56	21.56	21.53	23.5	0.5
40	PI/2 BPSK	108	54	22.22	22.31	22.29	24.0	0.0
40	PI/2 BPSK	108	108	21.63	21.66	21.58	23.5	0.5
40	PI/2 BPSK	216	0	21.65	21.70	21.70		
40	QPSK	1	1	22.22	22.32	22.23		
40	QPSK	1	108	22.04	22.14	22.21	24.0	0.0
40	QPSK	1	214	22.03	22.10	22.03		
40	QPSK	108	0	21.00	21.05	21.02	23.0	1.0
40	QPSK	108	54	22.22	22.23	22.20	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.07	21.13	21.06		
40	16QAM	1	1	21.08	21.07	21.05	23.0	1.0
40	64QAM	1	1	19.57	19.51	19.68	21.5	2.5
40	256QAM	1	1	18.26	18.26	18.21	19.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1723	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.17	22.30	22.17	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.12	22.21	22.21	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.18	22.30	22.15	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.20	22.30	22.18	24.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.16	22.24	22.13	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.14	22.30	22.20	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.19	24.26	24.16		
40	PI/2 BPSK	1	108	24.28	24.34	24.30	25.5	0.0
40	PI/2 BPSK	1	214	24.04	24.16	24.12		
40	PI/2 BPSK	108	0	23.75	23.80	23.77	25.0	0.5
40	PI/2 BPSK	108	54	24.20	24.30	24.21	25.5	0.0
40	PI/2 BPSK	108	108	23.64	23.65	23.58	25.0	0.5
40	PI/2 BPSK	216	0	23.80	23.85	23.79		
40	QPSK	1	1	24.28	24.36	24.29		
40	QPSK	1	108	24.19	24.25	24.21	25.5	0.0
40	QPSK	1	214	24.06	24.16	24.11		
40	QPSK	108	0	23.25	23.27	23.21	24.5	1.0
40	QPSK	108	54	24.22	24.33	24.26	25.5	0.0
40	QPSK	108	108	23.06	23.16	23.12	24.5	1.0
40	QPSK	216	0	23.28	23.40	23.35		
40	16QAM	1	1	22.95	22.98	22.88	24.5	1.0
40	64QAM	1	1	21.53	21.59	21.51	23.0	2.5
40	256QAM	1	1	20.26	20.30	20.18	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	24.21	24.34	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	24.18	24.33	24.24	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	24.25	24.25	24.19	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	24.19	24.26	24.22	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	24.19	24.31	24.25	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	24.23	24.26	24.26	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.48	23.56	23.38		
40	Pi/2 BPSK	1	108	23.52	23.61	23.46	25.0	0.0
40	Pi/2 BPSK	1	214	23.29	23.48	23.35		
40	Pi/2 BPSK	108	0	22.90	22.91	22.87	24.5	0.5
40	Pi/2 BPSK	108	54	23.48	23.58	23.57	25.0	0.0
40	Pi/2 BPSK	108	108	22.98	23.04	22.96	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	23.09	23.03		
40	QPSK	1	1	23.61	23.65	23.55		
40	QPSK	1	108	23.52	23.58	23.49	25.0	0.0
40	QPSK	1	214	23.25	23.45	23.26		
40	QPSK	108	0	22.19	22.32	22.21	24.0	1.0
40	QPSK	108	54	23.46	23.51	23.41	25.0	0.0
40	QPSK	108	108	22.39	22.57	22.44	24.0	1.0
40	QPSK	216	0	22.50	22.58	22.48		
40	16QAM	1	1	22.03	22.23	22.06	24.0	1.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	2.5
40	256QAM	1	1	19.69	19.69	19.63	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.53	23.58	23.48	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.57	23.57	23.49	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.51	23.55	23.46	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.57	23.61	23.48	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.63	23.47	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.57	23.46	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.53	21.54	21.60		
40	Pi/2 BPSK	1	108	21.73	21.82	21.82	23.5	0.0
40	Pi/2 BPSK	1	214	21.51	21.61	21.65		
40	Pi/2 BPSK	108	0	21.10	21.03	21.13	23.0	0.5
40	Pi/2 BPSK	108	54	21.75	21.77	21.68	23.5	0.0
40	Pi/2 BPSK	108	108	21.19	21.10	21.16	23.0	0.5
40	Pi/2 BPSK	216	0	21.09	21.11	21.17		
40	QPSK	1	1	21.61	21.84	21.75		
40	QPSK	1	108	21.54	21.58	21.60	23.5	0.0
40	QPSK	1	214	21.50	21.55	21.55		
40	QPSK	108	0	20.50	20.57	20.52	22.5	1.0
40	QPSK	108	54	21.64	21.76	21.67	23.5	0.0
40	QPSK	108	108	20.54	20.56	20.55	22.5	1.0
40	QPSK	216	0	20.59	20.66	20.58		
40	16QAM	1	1	20.50	20.54	20.59	22.5	1.0
40	64QAM	1	1	19.07	19.08	19.09	21.0	2.5
40	256QAM	1	1	17.59	17.66	17.80	19.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.51	21.73	21.69	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.57	21.80	21.71	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.50	21.73	21.73	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.56	21.81	21.66	23.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.56	21.80	21.66	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.55	21.74	21.64	23.5	0.0

n66_Ant 3 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.58	23.62	23.56		
40	Pi/2 BPSK	1	108	23.72	23.73	23.72	25.5	0.0
40	Pi/2 BPSK	1	214	23.60	23.64	23.57		
40	Pi/2 BPSK	108	0	23.03	23.02	23.09	25.0	0.5
40	Pi/2 BPSK	108	54	23.58	23.63	23.56	25.5	0.0
40	Pi/2 BPSK	108	108	23.04	23.08	23.08	25.0	0.5
40	Pi/2 BPSK	216	0	23.04	23.07	23.06		
40	QPSK	1	1	23.67	23.76	23.73		
40	QPSK	1	108	23.54	23.67	23.51	25.5	0.0
40	QPSK	1	214	23.52	23.72	23.67		
40	QPSK	108	0	22.58	22.78	22.75	24.5	1.0
40	QPSK	108	54	23.65	23.72	23.69	25.5	0.0
40	QPSK	108	108	22.55	22.65	22.53	24.5	1.0
40	QPSK	216	0	22.76	22.76	22.73		
40	16QAM	1	1	22.53	22.56	22.58	24.5	1.0
40	64QAM	1	1	21.00	21.14	21.05	23.0	2.5
40	256QAM	1	1	19.43	19.58	19.58	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.54	23.56	23.54	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.53	23.56	23.53	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.54	23.53	23.51	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.58	23.53	23.58	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.62	23.60	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.53	23.55	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.30	23.46	23.33		
40	PI/2 BPSK	1	53	23.40	23.50	23.41	25.0	0.0
40	PI/2 BPSK	1	104	23.33	23.33	23.28		
40	PI/2 BPSK	50	0	22.88	22.97	22.79	24.5	0.5
40	PI/2 BPSK	50	28	23.26	23.45	23.42	25.0	0.0
40	PI/2 BPSK	50	56	22.66	22.82	22.68	24.5	0.5
40	PI/2 BPSK	100	0	22.74	22.94	22.80		
40	QPSK	1	1	23.45	23.56	23.41		
40	QPSK	1	53	23.46	23.45	23.40	25.0	0.0
40	QPSK	1	104	23.19	23.22	23.03		
40	QPSK	50	0	22.45	22.53	22.46		
40	QPSK	50	28	23.34	23.49	23.36	25.0	0.0
40	QPSK	50	56	22.37	22.46	22.35		
40	QPSK	100	0	22.53	22.53	22.42	24.0	1.0
40	16QAM	1	1	22.21	22.41	22.38	24.0	1.0
40	64QAM	1	1	20.82	20.82	20.70	22.5	2.5
40	256QAM	1	1	19.16	19.33	19.22	20.5	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	23.39	23.45	23.39	25.0	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	23.42	23.48	23.39	25.0	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	23.38	23.54	23.32	25.0	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	23.43	23.53	23.36	25.0	0.0
Channel				515004	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2557.52	2595	2634.98	(dBm)	(dB)
10	QPSK	1	1	23.43	23.51	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.38	24.58	24.49		
40	PI/2 BPSK	1	53	24.53	24.56	24.51	25.7	0.0
40	PI/2 BPSK	1	104	24.37	24.54	24.47		
40	PI/2 BPSK	50	0	23.88	24.01	23.96	25.2	0.5
40	PI/2 BPSK	50	28	24.51	24.55	24.36	25.7	0.0
40	PI/2 BPSK	50	56	23.99	24.03	24.03	25.2	0.5
40	PI/2 BPSK	100	0	23.96	24.08	23.96		
40	QPSK	1	1	24.51	24.61	24.50		
40	QPSK	1	53	24.36	24.50	24.48	25.7	0.0
40	QPSK	1	104	24.24	24.42	24.37		
40	QPSK	50	0	23.90	23.60	23.41		
40	QPSK	50	28	24.49	24.60	24.41	25.7	0.0
40	QPSK	50	56	23.48	23.62	23.54		
40	QPSK	100	0	23.52	23.58	23.44	24.7	1.0
40	16QAM	1	1	23.19	23.29	23.13	24.7	1.0
40	64QAM	1	1	21.71	21.71	21.54	23.2	2.5
40	256QAM	1	1	20.10	20.33	20.22	21.2	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	24.43	24.59	24.47	25.7	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	24.48	24.53	24.39	25.7	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	24.48	24.55	24.42	25.7	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	24.41	24.57	24.44	25.7	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	24.49	24.58	24.43	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.25	23.36	23.25		
40	PI/2 BPSK	1	53	23.32	23.34	23.31	25.0	0.0
40	PI/2 BPSK	1	104	23.19	23.30	23.28		
40	PI/2 BPSK	50	0	22.73	22.84	22.75	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.38	23.28	25.0	0.0
40	PI/2 BPSK	50	56	22.72	22.78	22.75	24.5	0.5
40	PI/2 BPSK	100	0	22.75	22.87	22.85		
40	QPSK	1	1	23.32	23.40	23.28		
40	QPSK	1	53	23.29	23.38	23.25	25.0	0.0
40	QPSK	1	104	23.28	23.30	23.21		
40	QPSK	50	0	22.47	22.50	22.42		
40	QPSK	50	28	23.30	23.35	23.26	25.0	0.0
40	QPSK	50	56	22.47	22.52	22.46		
40	QPSK	100	0	22.45	22.50	22.39	24.0	1.0
40	16QAM	1	1	22.43	22.48	22.36	24.0	1.0
40	64QAM	1	1	20.57	20.63	20.54	22.5	2.5
40	256QAM	1	1	19.24	19.28	19.20	20.5	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	23.25	23.29	23.19	25.0	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	23.25	23.38	23.19	25.0	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	23.22	23.32	23.19	25.0	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	23.23	23.36	23.17	25.0	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2557.52	2595	2634.98	(dBm)	(dB)
10	QPSK	1	1	23.28	23.38	23.17	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.69	24.86	24.73		
40	PI/2 BPSK	1	53	24.78	24.83	24.76	25.7	0.0
40	PI/2 BPSK	1	104	24.17	24.32	24.27		
40	PI/2 BPSK	50	0	24.24	24.39	24.26	25.2	0.5
40	PI/2 BPSK	50	28	24.73	24.77	24.76	25.7	0.0
40	PI/2 BPSK	50	56	24.18	24.32	24.20	25.2	0.5
40	PI/2 BPSK	100	0	24.28	24.36	24.33		
40	QPSK	1	1	24.87	24.91	24.82		
40	QPSK	1	53	24.68	24.82	24.62	25.7	0.0
40	QPSK	1	104	24.61	24.77	24.75		
40	QPSK	50	0	23.98	23.98	23.83		
40	QPSK	50	28	24.80	24.88	24.74	25.7	0.0
40	QPSK	50	56	23.76	23.81	23.80		
40	QPSK	100	0	23.85	23.96	23.91	24.7	1.0
40	16QAM	1	1	23.69	23.78	23.72	24.7	1.0
40	64QAM	1	1	22.04	22.17	22.11	23.2	2.5
40	256QAM	1	1	20.58	20.75	20.69	21.2	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	24.81	24.85	24.74	25.7	0.0
Channel				516504	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	24.77	24.83	24.75	25.7	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	24.77	24.81	24.71	25.7	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	24.79	24.82	24.78	25.7	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	24.80	24.81	24.78	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.33	23.44	23.26	25.0	0.0
100	PI/2 BPSK	1	137	23.46	23.49	23.31		
100	PI/2 BPSK	1	271	23.50	23.51	23.40		
100	PI/2 BPSK	135	0	23.06	23.23	23.21	24.5	0.5
100	PI/2 BPSK	135	69	23.32	23.46	23.34	25.0	0.0
100	PI/2 BPSK	135	138	23.09	23.16	23.15		
100	PI/2 BPSK	270	0	23.16	23.19	22.99	24.5	0.5
100	QPSK	1	1	23.52	23.58	23.48		
100	QPSK	1	137	23.42	23.51	23.42	25.0	0.0
100	QPSK	1	271	23.34	23.42	23.30		
100	QPSK	135	0	22.73	22.82	22.77		
100	QPSK	135	69	23.47	23.55	23.42	25.0	0.0
100	QPSK	135	138	22.70	22.73	22.59		
100	QPSK	270	0	22.68	22.73	22.62	24.0	1.0
100	16QAM	1	1	22.33	22.47	22.32	24.0	1.0
100	64QAM	1	1	20.62	20.74	20.65	22.5	2.5
100	256QAM	1	1	19.37	19.51	19.40	20.5	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.15	23.23	23.11	25.0	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.13	23.27	23.08	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	23.18	23.25	23.08	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.20	23.28	23.09	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.15	23.24	23.13	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.19	23.27	23.12	25.0	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.19	23.29	23.14	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.14	23.28	23.13	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.22	23.30	23.13	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.21	23.26	23.11	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.50	24.51	24.39	25.7	0.0
100	PI/2 BPSK	1	137	24.50	24.53	24.53		
100	PI/2 BPSK	1	271	24.47	24.52	24.50		
100	PI/2 BPSK	135	0	24.07	24.14	23.99	25.2	0.5
100	PI/2 BPSK	135	69	24.44	24.47	24.28	25.7	0.0
100	PI/2 BPSK	135	138	24.14	24.24	24.14		
100	PI/2 BPSK	270	0	24.02	24.21	24.17	25.2	0.5
100	QPSK	1	1	24.53	24.62	24.49		
100	QPSK	1	137	24.40	24.47	24.28	25.7	0.0
100	QPSK	1	271	24.53	24.59	24.46		
100	QPSK	135	0	23.83	23.86	23.85		
100	QPSK	135	69	24.49	24.52	24.43	25.7	0.0
100	QPSK	135	138	23.71	23.84	23.72		
100	QPSK	270	0	23.72	23.82	23.76	24.7	1.0
100	16QAM	1	1	23.24	23.38	23.24	24.7	1.0
100	64QAM	1	1	21.73	21.88	21.85	23.2	2.5
100	256QAM	1	1	20.33	20.53	20.17	21.2	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	24.30	24.37	24.23	25.7	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.35	24.53	24.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	24.31	24.37	24.22	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.34	24.40	24.24	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	24.34	24.36	24.22	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.38	24.32	24.25	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.40	24.29	24.25	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.30	24.38	24.24	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.33	24.35	24.19	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.22	23.31	23.27	25.0	0.0
100	PI/2 BPSK	1	137	23.31	23.38	23.25		
100	PI/2 BPSK	1	271	23.21	23.27	23.27		
100	PI/2 BPSK	135	0	22.88	23.03	22.87	24.5	0.5
100	PI/2 BPSK	135	69	23.20	23.29	23.18	25.0	0.0
100	PI/2 BPSK	135	138	22.91	22.93	22.90		
100	PI/2 BPSK	270	0	22.78	22.96	22.83	24.5	0.5
100	QPSK	1	1	23.32	23.42	23.41		
100	QPSK	1	137	23.17	23.31	23.12	25.0	0.0
100	QPSK	1	271	23.29	23.32	23.20		
100	QPSK	135	0	22.34	22.51	22.45		
100	QPSK	135	69	23.26	23.40	23.37	25.0	0.0
100	QPSK	135	138	22.42	22.46	22.26		
100	QPSK	270	0	22.42	22.45	22.36	24.0	1.0
100	16QAM	1	1	22.19	22.23	22.08	24.0	1.0
100	64QAM	1	1	20.53	20.68	20.66	22.5	2.5
100	256QAM	1	1	19.23	19.26	19.26	20.5	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.25	23.38	23.31	25.0	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.25	23.40	23.32	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	23.22	23.35	23.30	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.24	23.40	23.32	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.25	23.36	23.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.27	23.36	23.38	25.0	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.29	23.37	23.33	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.22	23.34	23.31	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.26	23.32	23.39	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.26	23.37	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.79	24.81	24.75	25.7	0.0
100	PI/2 BPSK	1	137	24.88	24.91	24.82		
100	PI/2 BPSK	1	271	24.91	24.93	24.83		
100	PI/2 BPSK	135	0	24.53	24.57	24.36	25.2	0.5
100	PI/2 BPSK	135	69	24.74	24.92	24.80	25.7	0.0
100	PI/2 BPSK	135	138	24.40	24.55	24.47		
100	PI/2 BPSK	270	0	24.50	24.64	24.49	25.2	0.5
100	QPSK	1	1	24.88	24.96	24.83		
100	QPSK	1	137	24.73	24.86	24.80	25.7	0.0
100	QPSK	1	271	24.86	24.87	24.73		
100	QPSK	135	0	24.17	24.22	24.16		
100	QPSK	135	69	24.83	24.91	24.77	25.7	0.0
100	QPSK	135	138	23.88	24.17	23.98		
100	QPSK	270	0	24.39	24.44	24.36	24.7	1.0
100	16QAM	1	1	23.81	23.83	23.80	24.7	1.0
100	64QAM	1	1	22.01	22.16	22.16	23.2	2.5
100	256QAM	1	1	20.76	20.76	20.59	21.2	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	24.51	24.61	24.48	25.7	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.57	24.53	24.51	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	24.44	24.50	24.43	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.51	24.53	24.47	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	24.57	24.54	24.44	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.53	24.54	24.56	25.7	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.60	24.55	24.50	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.49	24.55	24.52	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.57	24.50	24.47	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.54	24.58	24.46	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.11		25.5	0.0
100	PI/2 BPSK	1	137		24.21			
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		23.56		25.0	0.5
100	PI/2 BPSK	135	69		24.04		25.5	0.0
100	PI/2 BPSK	135	138		23.37		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.13		25.5	0.0
100	QPSK	1	137		24.24			
100	QPSK	1	271		24.11			
100	QPSK	135	0		23.24		25.5	0.0
100	QPSK	135	69		24.22			
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.18		24.5	1.0
100	16QAM	1	1		23.15		24.5	1.0
100	64QAM	1	1		21.55		23.0	2.5
100	256QAM	1	1		19.37		21.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	24.13	24.16	23.12	25.5	0.0
Channel				630958	633332	634509	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3550	(dBm)	(dB)
80	QPSK	1	1	24.08	24.15	23.19	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3450.01	3499.98	3554.98	(dBm)	(dB)
70	QPSK	1	1	24.15	24.15	23.19	25.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3499.98	3550.98	(dBm)	(dB)
60	QPSK	1	1	24.08	24.19	23.18	25.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.21	23.19	25.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	23.20	25.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.09	24.19	23.21	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.15	24.21	23.17	25.5	0.0
Channel				630668	633332	633998	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.21	23.16	25.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.10	24.21	23.18	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.08	24.20	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3550	3840	3930		
100	PI/2 BPSK	1	1	24.36	24.25	24.53	26.0	0.0
100	PI/2 BPSK	1	137	24.79	24.64	24.68		
100	PI/2 BPSK	1	271	24.69	24.55	24.73		
100	PI/2 BPSK	135	0	24.46	24.38	24.63	25.5	0.5
100	PI/2 BPSK	135	69	24.76	24.66	24.85	26.0	0.0
100	PI/2 BPSK	135	138	24.57	24.47	24.66	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.41	24.61		
100	QPSK	1	1	24.58	24.45	24.68	26.0	0.0
100	QPSK	1	137	25.00	24.85	25.03		
100	QPSK	1	271	24.91	24.75	24.99		
100	QPSK	135	0	24.90	24.73	24.98		
100	QPSK	135	69	24.94	24.81	24.99	26.0	0.0
100	QPSK	135	138	24.92	24.75	24.95		
100	QPSK	270	0	24.68	24.60	24.15	25.0	1.0
100	16QAM	1	1	24.30	24.12	24.30	25.0	1.0
100	64QAM	1	1	22.77	22.60	22.84	23.5	2.5
100	256QAM	1	1	20.64	20.47	20.66	21.5	4.5
Channel				640668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	24.93	24.83	24.96	26.0	0.0
Channel				640334	636000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	24.97	24.81	24.97	26.0	0.0
Channel				640000	636000	663000	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
70	QPSK	1	1	24.96	24.74	24.95	26.0	0.0
Channel				639668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3840	3939.98	(dBm)	(dB)
60	QPSK	1	1	24.91	24.83	24.95	26.0	0.0
Channel				640334	636000	663666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3959.99	(dBm)	(dB)
50	QPSK	1	1	24.92	24.76	24.94	26.0	0.0
Channel				640000	636000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.93	24.74	24.99	26.0	0.0
Channel				641334	636000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.97	24.79	25.01	26.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	24.98	24.75	24.92	26.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.89	24.75	24.92	26.0	0.0
Channel				647168	636000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.96	24.74	24.86	26.0	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.97	24.74	25.01	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.99			
100	PI/2 BPSK	1	271		20.86			
100	PI/2 BPSK	135	0		20.91		22.5	0.0
100	PI/2 BPSK	135	69		20.96		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.07		22.5	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.97		22.5	0.0
100	QPSK	135	69		21.15			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.00		22.5	0.0
100	16QAM	1	1		21.00		22.5	0.0
100	64QAM	1	1		20.98		22.5	0.0
100	256QAM	1	1		19.37		21.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	21.05	21.04	21.01	22.5	0.0
Channel				630958	633332	634509	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3550	(dBm)	(dB)
80	QPSK	1	1	20.99	21.04	20.99	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3450.01	3499.98	3554.98	(dBm)	(dB)
70	QPSK	1	1	21.04	21.09	21.02	22.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3499.98	3550.98	(dBm)	(dB)
60	QPSK	1	1	21.00	21.08	20.98	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.99	21.06	20.95	22.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.06	21.12	20.98	22.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.02	21.05	21.00	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.03	21.11	21.01	22.5	0.0
Channel				630668	633332	633998	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.00	21.04	20.99	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.05	21.10	21.02	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.06	21.09	21.02	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3550	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.47	21.42	23.0	0.0
100	PI/2 BPSK	1	137	21.58	21.76	21.73		
100	PI/2 BPSK	1	271	21.46	21.55	21.55		
100	PI/2 BPSK	135	0	21.70	21.75	21.70	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.68	21.67	23.0	0.0
100	PI/2 BPSK	135	138	21.51	21.65	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.52	21.70	21.58		
100	QPSK	1	1	21.46	21.46	21.46	23.0	0.0
100	QPSK	1	137	21.88	21.80	21.97		
100	QPSK	1	271	21.71	21.72	21.67		
100	QPSK	135	0	21.60	21.57	21.66	23.0	0.0
100	QPSK	135	69	21.75	21.77	21.86		
100	QPSK	135	138	21.71	21.72	21.71		
100	QPSK	270	0	21.67	21.76	21.82	23.0	0.0
100	16QAM	1	1	21.62	21.94	21.87	23.0	0.0
100	64QAM	1	1	21.81	21.84	21.83	23.0	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.5
Channel				640668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.84	21.72	21.83	23.0	0.0
Channel				640334	636000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.81	21.72	21.94	23.0	0.0
Channel				640000	636000	663000	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
70	QPSK	1	1	21.80	21.70	21.88	23.0	0.0
Channel				639668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3840	3939.98	(dBm)	(dB)
60	QPSK	1	1	21.86	21.69	21.94	23.0	0.0
Channel				640334	636000	663666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3959.99	(dBm)	(dB)
50	QPSK	1	1	21.81	21.75	21.92	23.0	0.0
Channel				640000	636000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	21.72	21.91	23.0	0.0
Channel				641334	636000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.80	21.73	21.95	23.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.77	21.73	21.89	23.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.86	21.72	21.95	23.0	0.0
Channel				647168	636000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.84	21.71	21.86	23.0	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.84	21.76	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.67		26.0	0.0
100	PI/2 BPSK	1	137		25.71			
100	PI/2 BPSK	1	271		25.64			
100	PI/2 BPSK	135	0		25.34		25.5	0.5
100	PI/2 BPSK	135	69		25.68		26.0	0.0
100	PI/2 BPSK	135	138		25.24		25.5	0.5
100	PI/2 BPSK	270	0		25.31			
100	QPSK	1	1		25.57		26.0	0.0
100	QPSK	1	137		25.73			
100	QPSK	1	271		25.56			
100	QPSK	135	0		24.86		26.0	0.0
100	QPSK	135	69		25.72			
100	QPSK	135	138		24.68			
100	QPSK	270	0		24.87		25.0	1.0
100	16QAM	1	1		24.79		25.0	1.0
100	64QAM	1	1		23.20		23.5	2.5
100	256QAM	1	1		21.14		21.5	4.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3004.99		
90	QPSK	1	1	25.44	25.51	24.48	26.0	0.0
Channel				636668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3600		
80	QPSK	1	1	25.41	25.52	24.46	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3004.99		
70	QPSK	1	1	25.44	25.48	24.49	26.0	0.0
Channel				630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3018.99		
60	QPSK	1	1	25.42	25.55	24.52	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	25.40	25.48	24.46	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3029.98		
40	QPSK	1	1	25.43	25.51	24.53	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3034.99		
30	QPSK	1	1	25.40	25.47	24.52	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3037.48		
25	QPSK	1	1	25.39	25.54	24.55	26.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3040		
20	QPSK	1	1	25.45	25.50	24.54	26.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.5	3466.98	3042.49		
15	QPSK	1	1	25.39	25.52	24.53	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3044.98		
10	QPSK	1	1	25.48	25.53	24.54	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3800		
100	PI/2 BPSK	1	1	25.56	25.62	25.53	26.0	0.0
100	PI/2 BPSK	1	137	25.74	25.76	25.67		
100	PI/2 BPSK	1	271	25.49	25.60	25.49		
100	PI/2 BPSK	135	0	25.25	25.37	25.29	25.5	0.5
100	PI/2 BPSK	135	69	25.65	25.74	25.71	26.0	0.0
100	PI/2 BPSK	135	138	25.24	25.35	25.30	25.5	0.5
100	PI/2 BPSK	270	0	25.26	25.31	25.23		
100	QPSK	1	1	25.48	25.53	25.50	26.0	0.0
100	QPSK	1	137	25.73	25.78	25.67		
100	QPSK	1	271	25.52	25.58	25.52		
100	QPSK	135	0	24.71	24.80	24.72	26.0	0.0
100	QPSK	135	69	25.70	25.77	25.65		
100	QPSK	135	138	24.77	24.81	24.72		
100	QPSK	270	0	24.77	24.82	24.75	25.0	1.0
100	16QAM	1	1	24.71	24.75	24.65	25.0	1.0
100	64QAM	1	1	23.10	23.20	23.12	23.5	2.5
100	256QAM	1	1	21.03	21.05	21.00	21.5	4.5
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.37	25.50	25.42	26.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.49	25.50	25.47	26.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.49	25.45	25.41	26.0	0.0
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3945.98		
60	QPSK	1	1	25.43	25.49	25.46	26.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.46	25.46	25.42	26.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.40	25.44	25.42	26.0	0.0
Channel				635668	636000	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.46	25.49	25.43	26.0	0.0
Channel				635334	636000	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.46	25.48	25.48	26.0	0.0
Channel				647334	636000	624666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.45	25.49	25.43	26.0	0.0
Channel				647166	636000	624832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.44	25.42	25.45	26.0	0.0
Channel				647000	636000	625000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.43	25.47	25.48	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		22.37		23.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.55		23.0	0.0
100	PI/2 BPSK	135	69		22.53		23.0	0.0
100	PI/2 BPSK	135	138		22.50		23.0	0.0
100	PI/2 BPSK	270	0		22.36			
100	QPSK	1	1		22.45		23.0	0.0
100	QPSK	1	137		22.70			
100	QPSK	1	271		22.56			
100	QPSK	135	0		22.42		23.0	0.0
100	QPSK	135	69		22.65			
100	QPSK	135	138		22.48			
100	QPSK	270	0		22.53		23.0	0.0
100	16QAM	1	1		22.52		23.0	0.0
100	64QAM	1	1		22.53		23.0	0.0
100	256QAM	1	1		22.14		21.5	1.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3004.99		
90	QPSK	1	1	22.56	22.64	22.58	23.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3600		
80	QPSK	1	1	22.60	22.68	22.55	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3004.99		
70	QPSK	1	1	22.59	22.59	22.51	23.0	0.0
Channel				630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3018.99		
60	QPSK	1	1	22.57	22.67	22.55	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	22.60	22.66	22.58	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3029.98		
40	QPSK	1	1	22.54	22.63	22.55	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3034.99		
30	QPSK	1	1	22.60	22.62	22.58	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3037.48		
25	QPSK	1	1	22.57	22.67	22.49	23.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3040		
20	QPSK	1	1	22.55	22.68	22.58	23.0	0.0
Channel				636000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3466.98	3042.49		
15	QPSK	1	1	22.54	22.63	22.51	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3044.98		
10	QPSK	1	1	22.60	22.67	22.58	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3800		
100	PI/2 BPSK	1	1	22.56	22.53	22.51	23.0	0.0
100	PI/2 BPSK	1	137	22.69	22.74	22.63		
100	PI/2 BPSK	1	271	22.66	22.74	22.41		
100	PI/2 BPSK	135	0	22.74	22.58	22.37	23.0	0.0
100	PI/2 BPSK	135	69	22.59	22.65	22.39	23.0	0.0
100	PI/2 BPSK	135	138	22.60	22.51	22.26	23.0	0.0
100	PI/2 BPSK	270	0	22.77	22.67	22.25		
100	QPSK	1	1	22.55	22.65	22.49	23.0	0.0
100	QPSK	1	137	22.78	22.79	22.65		
100	QPSK	1	271	22.72	22.78	22.52		
100	QPSK	135	0	22.61	22.60	22.42	23.0	0.0
100	QPSK	135	69	22.65	22.73	22.54		
100	QPSK	135	138	22.61	22.53	22.35		
100	QPSK	270	0	22.68	22.70	22.63	23.0	0.0
100	16QAM	1	1	22.65	22.69	22.43	23.0	0.0
100	64QAM	1	1	22.49	22.51	22.34	23.0	0.0
100	256QAM	1	1	22.53	22.55	22.30	21.5	1.5
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.72	22.76	22.61	23.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.70	22.74	22.63	23.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.69	22.75	22.58	23.0	0.0
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3945.98		
60	QPSK	1	1	22.69	22.68	22.63	23.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.75	22.76	22.57	23.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.71	22.74	22.54	23.0	0.0
Channel				635668	636000	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.76	22.77	22.59	23.0	0.0
Channel				635334	636000	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.67	22.69	22.56	23.0	0.0
Channel				647334	636000	624666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.69	22.68	22.60	23.0	0.0
Channel				647166	636000	624832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.76	22.76	22.63	23.0	0.0
Channel				647000	636000	625000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.70	22.76	22.60	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		24.20			
100	PI/2 BPSK	1	137		24.31		25.5	0.0
100	PI/2 BPSK	1	271		24.24			
100	PI/2 BPSK	135	0		23.94		25.0	0.5
100	PI/2 BPSK	135	69		24.27		25.5	0.0
100	PI/2 BPSK	135	138		23.89		25.0	0.5
100	PI/2 BPSK	270	0		23.89			
100	QPSK	1	1		24.21			
100	QPSK	1	137		24.34		25.5	0.0
100	QPSK	1	271		24.32			
100	QPSK	135	0		23.83			
100	QPSK	135	69		24.32		25.5	0.0
100	QPSK	135	138		23.51			
100	QPSK	270	0		23.56		24.5	1.0
100	16QAM	1	1		23.60		24.5	1.0
100	64QAM	1	1		22.01		23.0	2.5
100	256QAM	1	1		19.89		21.0	4.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.04	24.19	23.18	25.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	24.11	24.12	23.16	25.5	0.0
Channel				632134	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	24.03	24.19	23.17	25.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	24.06	24.11	23.11	25.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.12	23.10	25.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.08	24.10	23.12	25.5	0.0
Channel				631000	633332	635664	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.04	24.13	23.12	25.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.09	24.17	23.19	25.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.15	23.14	25.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.08	24.16	23.14	25.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.05	24.16	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3900	(dBm)	(dB)
100	PI/2 BPSK	1	1	24.65	24.87	24.85		
100	PI/2 BPSK	1	137	24.70	24.96	24.92	26.5	0.0
100	PI/2 BPSK	1	271	24.66	24.90	24.85		
100	PI/2 BPSK	135	0	24.29	24.54	24.50	26.0	0.5
100	PI/2 BPSK	135	69	24.63	24.93	24.84	26.5	0.0
100	PI/2 BPSK	135	138	24.32	24.62	24.54	26.0	0.5
100	PI/2 BPSK	270	0	24.24	24.56	24.51		
100	QPSK	1	1	24.66	24.73	24.68		
100	QPSK	1	137	24.75	24.99	24.95	26.5	0.0
100	QPSK	1	271	24.65	24.93	24.82		
100	QPSK	135	0	23.86	23.94	23.91		
100	QPSK	135	69	24.70	24.96	24.90	26.5	0.0
100	QPSK	135	138	23.81	23.90	23.88		
100	QPSK	270	0	23.70	23.97	23.94	25.5	1.0
100	16QAM	1	1	23.66	23.90	23.87	25.5	1.0
100	64QAM	1	1	22.05	22.29	22.18	24.0	2.5
100	256QAM	1	1	20.22	20.34	20.33	22.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	24.63	24.82	24.80	26.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	24.62	24.68	24.65	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.57	24.70	24.59	26.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	24.60	24.62	24.59	26.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	24.58	24.66	24.63	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.64	24.67	24.63	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.63	24.70	24.60	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
25	QPSK	1	1	24.63	24.62	24.64	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.60	24.64	24.66	26.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.53	24.64	24.64	26.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.56	24.65	24.62	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.08			
100	PI/2 BPSK	1	137		21.10		22.5	0.0
100	PI/2 BPSK	1	271		21.21			
100	PI/2 BPSK	135	0		21.20		22.5	0.0
100	PI/2 BPSK	135	69		21.09		22.5	0.0
100	PI/2 BPSK	135	138		21.14		22.5	0.0
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.22			
100	QPSK	1	137		21.32		22.5	0.0
100	QPSK	1	271		21.25			
100	QPSK	135	0		21.11			
100	QPSK	135	69		21.26		22.5	0.0
100	QPSK	135	138		21.05			
100	QPSK	270	0		21.22		22.5	0.0
100	16QAM	1	1		21.04		22.5	0.0
100	64QAM	1	1		21.29		22.5	0.0
100	256QAM	1	1		19.89		21.0	1.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.16	21.30	21.13	22.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.16	21.30	21.20	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	21.20	21.28	21.19	22.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	21.23	21.29	21.13	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.23	21.29	21.12	22.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.19	21.23	21.16	22.5	0.0
Channel				631000	633332	635664	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.22	21.24	21.13	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.23	21.24	21.12	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.19	21.23	21.13	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.21	21.21	21.18	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.18	21.24	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3900	(dBm)	(dB)
100	PI/2 BPSK	1	1	21.57	21.84	21.88		
100	PI/2 BPSK	1	137	21.53	21.84	21.84	23.5	0.0
100	PI/2 BPSK	1	271	21.62	21.92	21.86		
100	PI/2 BPSK	135	0	21.63	21.79	21.77	23.5	0.0
100	PI/2 BPSK	135	69	21.59	21.69	21.83	23.5	0.0
100	PI/2 BPSK	135	138	21.65	21.83	21.82	23.5	0.0
100	PI/2 BPSK	270	0	21.47	21.79	21.77		
100	QPSK	1	1	21.64	21.73	21.85		
100	QPSK	1	137	21.73	21.89	21.85	23.5	0.0
100	QPSK	1	271	21.58	21.87	21.84		
100	QPSK	135	0	21.59	21.94	21.67		
100	QPSK	135	69	21.72	21.85	21.78	23.5	0.0
100	QPSK	135	138	21.61	21.94	21.80		
100	QPSK	270	0	21.59	21.75	21.69	23.5	0.0
100	16QAM	1	1	21.67	21.82	21.83	23.5	0.0
100	64QAM	1	1	21.55	21.84	21.76	23.5	0.0
100	256QAM	1	1	20.22	20.34	20.33	22.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.66	21.82	21.81	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.64	21.82	21.78	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.65	21.85	21.76	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.63	21.86	21.76	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.68	21.79	21.74	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.68	21.87	21.78	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.65	21.87	21.82	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
25	QPSK	1	1	21.69	21.80	21.79	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.67	21.79	21.76	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.66	21.87	21.77	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.71	21.82	21.81	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		24.90			
100	PI/2 BPSK	1	137		24.90		26.0	0.0
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.56		25.5	0.5
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		24.43		25.5	0.5
100	PI/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.72		26.0	0.0
100	QPSK	1	137		24.97			
100	QPSK	1	271		24.93			
100	QPSK	135	0		24.04		26.0	0.0
100	QPSK	135	69		24.98			
100	QPSK	135	138		24.61			
100	QPSK	270	0		23.96		25.0	1.0
100	16QAM	1	1		23.78		25.0	1.0
100	64QAM	1	1		22.22		23.5	2.5
100	256QAM	1	1		20.11		21.5	4.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.59	24.57	23.66	26.0	0.0
Channel				636668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.63	24.67	23.69	25.0	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	24.62	24.63	23.61	26.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.58	24.70	23.64	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.63	24.68	23.63	26.0	0.0
Channel				631334	633332	635330	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.62	24.66	23.70	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.57	24.64	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.60	24.65	23.66	26.0	0.0
Channel				636668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.55	24.66	23.64	26.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3465.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.54	24.65	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.55	24.68	23.70	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3900		
100	PI/2 BPSK	1	1	24.95	24.80	25.00		
100	PI/2 BPSK	1	137	25.42	25.25	25.53	26.5	0.0
100	PI/2 BPSK	1	271	25.23	25.06	25.25		
100	PI/2 BPSK	135	0	24.56	24.45	24.67	26.0	0.5
100	PI/2 BPSK	135	69	25.34	25.21	25.40	26.5	0.0
100	PI/2 BPSK	135	138	25.07	24.93	25.16	26.0	0.5
100	PI/2 BPSK	270	0	25.03	24.90	25.09		
100	QPSK	1	1	25.38	25.25	25.49		
100	QPSK	1	137	25.44	25.31	25.55	26.5	0.0
100	QPSK	1	271	25.30	25.20	25.40		
100	QPSK	135	0	24.66	24.55	24.76		
100	QPSK	135	69	25.36	25.28	25.53	26.5	0.0
100	QPSK	135	138	24.66	24.53	24.76		
100	QPSK	270	0	24.42	24.27	24.55	25.5	1.0
100	16QAM	1	1	24.35	24.25	24.44	25.5	1.0
100	64QAM	1	1	22.95	22.79	23.06	24.0	2.5
100	256QAM	1	1	20.72	20.62	20.89	22.0	4.5
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3792.02	3840	3887.98	(dBm)	(dB)
90	QPSK	1	1	25.29	25.15	25.41	26.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3782.01	3840	3897.99	(dBm)	(dB)
80	QPSK	1	1	25.34	25.14	25.46	26.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3772	3840	3908	(dBm)	(dB)
70	QPSK	1	1	25.39	25.14	25.44	26.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3762.02	3840	3917.98	(dBm)	(dB)
60	QPSK	1	1	25.27	25.18	25.43	26.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.01	3840	3927.99	(dBm)	(dB)
50	QPSK	1	1	25.31	25.16	25.41	26.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3742	3840	3938	(dBm)	(dB)
40	QPSK	1	1	25.36	25.23	25.38	26.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3732.02	3840	3947.98	(dBm)	(dB)
30	QPSK	1	1	25.28	25.16	25.40	26.5	0.0
Channel				635334	636000	636666	Tune-up limit	MPR
Frequency (MHz)				3722.5	3840	3957.5	(dBm)	(dB)
25	QPSK	1	1	25.28	25.16	25.45	26.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.01	3840	3967.99	(dBm)	(dB)
20	QPSK	1	1	25.32	25.16	25.40	26.5	0.0
Channel				647166	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	25.32	25.15	25.46	26.5	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	25.28	25.23	25.38	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.94			
100	PI/2 BPSK	1	137		21.90		23.0	0.0
100	PI/2 BPSK	1	271		21.95			
100	PI/2 BPSK	135	0		21.93		23.0	0.0
100	PI/2 BPSK	135	69		21.81		23.0	0.0
100	PI/2 BPSK	135	138		21.86		23.0	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		21.87		23.0	0.0
100	QPSK	1	137		21.97			
100	QPSK	1	271		21.96			
100	QPSK	135	0		21.80		23.0	0.0
100	QPSK	135	69		21.95			
100	QPSK	135	138		21.91			
100	QPSK	270	0		21.94		23.0	0.0
100	16QAM	1	1		21.80		23.0	0.0
100	64QAM	1	1		21.84		23.0	0.0
100	256QAM	1	1		20.11		21.5	1.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.83	21.95	21.78	23.0	0.0
Channel				636668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.80	21.91	21.82	23.0	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	21.84	21.88	21.80	23.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.83	21.86	21.79	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.82	21.86	21.78	23.0	0.0
Channel				631334	633332	635330	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.87	21.89	21.77	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.81	21.89	21.79	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.80	21.88	21.79	23.0	0.0
Channel				636668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.84	21.93	21.83	23.0	0.0
Channel				636500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3487.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.84	21.91	21.83	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.83	21.90	21.78	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3900		
100	PI/2 BPSK	1	1	22.22	22.05	22.34		
100	PI/2 BPSK	1	137	22.20	22.03	22.43	23.5	0.0
100	PI/2 BPSK	1	271	22.26	21.91	22.54		
100	PI/2 BPSK	135	0	22.18	21.93	22.37	23.5	0.0
100	PI/2 BPSK	135	69	22.13	22.12	22.41	23.5	0.0
100	PI/2 BPSK	135	138	22.20	22.13	22.41	23.5	0.0
100	PI/2 BPSK	270	0	22.24	21.97	22.48		
100	QPSK	1	1	22.19	22.08	22.55		
100	QPSK	1	137	22.19	22.23	22.57	23.5	0.0
100	QPSK	1	271	22.22	21.98	22.48		
100	QPSK	135	0	22.25	22.05	22.49		
100	QPSK	135	69	22.23	22.20	22.52	23.5	0.0
100	QPSK	135	138	22.18	22.01	22.41		
100	QPSK	270	0	22.14	22.14	22.51	23.5	0.0
100	16QAM	1	1	22.20	21.97	22.49	23.5	0.0
100	64QAM	1	1	22.18	22.04	22.38	23.5	0.0
100	256QAM	1	1	20.72	20.62	20.89	22.0	1.5
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3792.02	3840	3894.98	(dBm)	(dB)
90	QPSK	1	1	22.11	22.13	22.53	23.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3782.01	3840	3905.99	(dBm)	(dB)
80	QPSK	1	1	22.17	22.15	22.52	23.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3772	3840	3908	(dBm)	(dB)
70	QPSK	1	1	22.08	22.14	22.53	23.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3762.02	3840	3917.98	(dBm)	(dB)
60	QPSK	1	1	22.12	22.13	22.52	23.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.01	3840	3927.99	(dBm)	(dB)
50	QPSK	1	1	22.10	22.15	22.55	23.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3742	3840	3938	(dBm)	(dB)
40	QPSK	1	1	22.17	22.20	22.50	23.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3732.02	3840	3947.98	(dBm)	(dB)
30	QPSK	1	1	22.11	22.13	22.55	23.5	0.0
Channel				635334	636000	636666	Tune-up limit	MPR
Frequency (MHz)				3722.5	3840	3957.5	(dBm)	(dB)
25	QPSK	1	1	22.17	22.19	22.51	23.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.01	3840	3967.99	(dBm)	(dB)
20	QPSK	1	1	22.16	22.14	22.48	23.5	0.0
Channel				647166	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.14	22.13	22.46	23.5	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.17	22.12	22.47	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.00		26.5	0.0
100	PI/2 BPSK	1	137		25.00			
100	PI/2 BPSK	1	271		24.66			
100	PI/2 BPSK	135	0		24.56		26.0	0.5
100	PI/2 BPSK	135	69		24.66		26.5	0.0
100	PI/2 BPSK	135	138		24.52		26.0	0.5
100	PI/2 BPSK	270	0		24.56			
100	QPSK	1	1		25.00		26.5	0.0
100	QPSK	1	137		25.02			
100	QPSK	1	271		24.57			
100	QPSK	135	0		24.67		26.5	0.0
100	QPSK	135	69		24.59			
100	QPSK	135	138		23.89			
100	QPSK	270	0		24.05		25.5	1.0
100	16QAM	1	1		24.25		25.5	1.0
100	64QAM	1	1		22.95		24.0	2.5
100	256QAM	1	1		20.86		22.0	4.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.83	24.57	23.83	26.5	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3468.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	24.88	24.63	23.93	25.5	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.83	24.64	23.98	26.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	24.91	24.93	23.91	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.90	24.88	23.89	26.5	0.0
Channel				631134	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.88	24.93	23.92	26.5	0.0
Channel				631000	633332	631668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.85	24.97	23.97	26.5	0.0
Channel				630334	633332	632332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.87	24.94	23.95	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.90	24.90	23.96	26.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.88	24.92	23.91	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.88	24.96	23.94	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					639000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.38		26.5	0.0
100	PI/2 BPSK	1	137		25.32			
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		25.32		26.0	0.5
100	PI/2 BPSK	135	69		25.31		26.5	0.0
100	PI/2 BPSK	135	138		25.37		26.0	0.5
100	PI/2 BPSK	270	0		25.28			
100	QPSK	1	1		25.40		26.5	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.28		26.5	0.0
100	QPSK	135	69		25.36			
100	QPSK	135	138		25.34			
100	QPSK	270	0		24.45		25.5	1.0
100	16QAM	1	1		24.41		25.5	1.0
100	64QAM	1	1		23.47		24.0	2.5
100	256QAM	1	1		21.31		22.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.27	25.32	24.32	26.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.30	24.30	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.31	25.34	24.35	26.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3729.02	3750	3770.98	(dBm)	(dB)
60	QPSK	1	1	25.24	25.33	24.29	26.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.23	25.36	24.29	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.24	25.31	24.29	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.30	25.37	24.36	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.24	25.30	24.35	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.25	25.30	24.38	26.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.24	25.38	24.34	26.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.30	25.31	24.32	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.85		23.5	0.0
100	PI/2 BPSK	1	137		22.00			
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.76		23.5	0.0
100	PI/2 BPSK	135	69		21.78		23.5	0.0
100	PI/2 BPSK	135	138		21.81		23.5	0.0
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	1		21.95		23.5	0.0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		21.93			
100	QPSK	135	138		21.88			
100	QPSK	270	0		21.90		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		21.75		23.5	0.0
100	256QAM	1	1		20.86		22.0	1.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.87	21.94	21.89	23.5	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3468.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.94	21.94	21.82	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.95	21.93	21.90	23.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	21.89	22.01	21.83	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.89	21.93	21.63	23.5	0.0
Channel				631134	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.88	21.89	21.62	23.5	0.0
Channel				631000	633332	631668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.88	22.01	21.82	23.5	0.0
Channel				630334	633332	632332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.94	21.98	21.86	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.89	21.97	21.90	23.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.90	21.94	21.85	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.91	21.96	21.89	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					639000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.33		23.5	0.0
100	PI/2 BPSK	1	137		22.29			
100	PI/2 BPSK	1	271		22.07			
100	PI/2 BPSK	135	0		22.25		23.5	0.0
100	PI/2 BPSK	135	69		22.26		23.5	0.0
100	PI/2 BPSK	135	138		22.22		23.5	0.0
100	PI/2 BPSK	270	0		22.21			
100	QPSK	1	1		22.18		23.5	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.24		23.5	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.26			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.31		23.5	0.0
100	64QAM	1	1		22.35		23.5	0.0
100	256QAM	1	1		21.31		22.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.26	22.23	22.18	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.21	22.34	22.19	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.26	22.27	22.23	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3729.02	3750	3770.98	(dBm)	(dB)
60	QPSK	1	1	22.22	22.28	22.21	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.23	22.32	22.18	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.20	22.33	22.18	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.22	22.26	22.17	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.26	22.27	22.24	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.26	22.32	22.22	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.20	22.31	22.20	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.28	22.34	22.18	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		26.61		27.0	0.0
100	PI/2 BPSK	1	137		26.59			
100	PI/2 BPSK	1	271		26.55			
100	PI/2 BPSK	135	0		26.24		26.5	0.5
100	PI/2 BPSK	135	69		26.61		27.0	0.0
100	PI/2 BPSK	135	138		26.32		26.5	0.5
100	PI/2 BPSK	270	0		26.30			
100	QPSK	1	1		26.58		27.0	0.0
100	QPSK	1	137		26.67			
100	QPSK	1	271		26.63			
100	QPSK	135	0		25.71		27.0	0.0
100	QPSK	135	69		26.62			
100	QPSK	135	138		25.80			
100	QPSK	270	0		25.71		26.0	1.0
100	16QAM	1	1		25.70		26.0	1.0
100	64QAM	1	1		24.23		24.5	2.5
100	256QAM	1	1		22.32		22.5	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	26.41	26.48	25.47	27.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	26.45	26.53	25.49	27.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	26.48	26.55	25.51	27.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	26.40	26.51	25.47	27.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	26.46	26.47	25.51	27.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	26.42	26.47	25.47	27.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	26.49	26.53	25.51	27.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	26.41	26.54	25.49	27.0	0.0
	Channel			630668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	26.47	26.52	25.56	27.0	0.0
	Channel			630500	633332	635166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	26.42	26.53	25.55	27.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	26.41	26.49	25.52	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		26.67		27.0	0.0
100	PI/2 BPSK	1	137		26.75			
100	PI/2 BPSK	1	271		26.71			
100	PI/2 BPSK	135	0		26.62		26.5	0.5
100	PI/2 BPSK	135	69		26.73		27.0	0.0
100	PI/2 BPSK	135	138		26.64		26.5	0.5
100	PI/2 BPSK	270	0		26.63			
100	QPSK	1	1		26.75		27.0	0.0
100	QPSK	1	137		26.78			
100	QPSK	1	271		26.71			
100	QPSK	135	0		26.10		27.0	0.0
100	QPSK	135	69		26.77			
100	QPSK	135	138		26.11			
100	QPSK	270	0		25.78		26.0	1.0
100	16QAM	1	1		26.00		26.0	1.0
100	64QAM	1	1		24.41		24.5	2.5
100	256QAM	1	1		22.50		22.5	4.5
	Channel			646668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	26.63	26.73	25.71	27.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	26.59	26.67	25.67	27.0	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	26.63	26.65	25.68	27.0	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	26.61	26.67	25.67	27.0	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	26.61	26.64	25.66	27.0	0.0
	Channel			646000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	26.57	26.66	25.70	27.0	0.0
	Channel			645668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	26.64	26.68	25.68	27.0	0.0
	Channel			645334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
25	QPSK	1	1	26.62	26.70	25.64	27.0	0.0
	Channel			645334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	26.66	26.64	25.65	27.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	26.65	26.64	25.64	27.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	26.63	26.65	25.72	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		23.54		24.0	0.0
100	PI/2 BPSK	1	137		23.54			
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.60		24.0	0.0
100	PI/2 BPSK	135	69		23.53		24.0	0.0
100	PI/2 BPSK	135	136		23.60		24.0	0.0
100	PI/2 BPSK	270	0		23.52			
100	QPSK	1	1		23.64		24.0	0.0
100	QPSK	1	137		23.66			
100	QPSK	1	271		23.59			
100	QPSK	135	0		23.44		24.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	136		23.49			
100	QPSK	270	0		23.60		24.0	0.0
100	16QAM	1	1		23.60		24.0	0.0
100	64QAM	1	1		23.47		24.0	0.0
100	256QAM	1	1		22.32		22.5	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.53	23.64	23.50	24.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.58	23.59	23.47	24.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.54	23.60	23.46	24.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.57	23.61	23.53	24.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.54	23.56	23.54	24.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.50	23.56	23.54	24.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.51	23.58	23.49	24.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.55	23.63	23.51	24.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.53	23.62	23.47	24.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.52	23.64	23.50	24.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.55	23.59	23.51	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		23.69		24.0	0.0
100	PI/2 BPSK	1	137		23.69			
100	PI/2 BPSK	1	271		23.53			
100	PI/2 BPSK	135	0		23.57		24.0	0.0
100	PI/2 BPSK	135	69		23.66		24.0	0.0
100	PI/2 BPSK	135	138		23.74		24.0	0.0
100	PI/2 BPSK	270	0		23.67			
100	QPSK	1	1		23.67		24.0	0.0
100	QPSK	1	137		23.75			
100	QPSK	1	271		23.70			
100	QPSK	135	0		23.62		24.0	0.0
100	QPSK	135	69		23.71			
100	QPSK	135	138		23.62			
100	QPSK	270	0		23.68		24.0	0.0
100	16QAM	1	1		23.59		24.0	0.0
100	64QAM	1	1		23.69		24.0	0.0
100	256QAM	1	1		22.50		22.5	1.5
	Channel			646668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.62	23.64	23.62	24.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.66	23.69	23.58	24.0	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	23.67	23.68	23.61	24.0	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.66	23.67	23.59	24.0	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.61	23.70	23.60	24.0	0.0
	Channel			646000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.62	23.71	23.61	24.0	0.0
	Channel			645668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.64	23.65	23.62	24.0	0.0
	Channel			645334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
25	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
	Channel			645334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.61	23.68	23.60	24.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.67	23.66	23.62	24.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.61	23.67	23.54	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		25.21		26.5	0.0
100	PI/2 BPSK	1	137		25.33			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		24.55		26.0	0.5
100	PI/2 BPSK	135	69		25.39		26.5	0.0
100	PI/2 BPSK	135	138		25.11		26.0	0.5
100	PI/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.33		26.5	0.0
100	QPSK	1	137		25.40			
100	QPSK	1	271		25.29			
100	QPSK	135	0		24.44		26.5	0.0
100	QPSK	135	69		25.35			
100	QPSK	135	138		24.61			
100	QPSK	270	0		24.38		25.5	1.0
100	16QAM	1	1		24.50		25.5	1.0
100	64QAM	1	1		23.22		24.0	2.5
100	256QAM	1	1		21.17		22.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3804.99	(dBm)	(dB)
90	QPSK	1	1	25.19	25.24	24.23	26.5	0.0
	Channel			632988	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.21	25.30	24.30	26.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3814.98	(dBm)	(dB)
70	QPSK	1	1	25.23	25.22	24.25	26.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3440	3469.98	3919.99	(dBm)	(dB)
60	QPSK	1	1	25.23	25.31	24.29	26.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3505	(dBm)	(dB)
50	QPSK	1	1	25.22	25.31	24.31	26.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3415.01	3469.98	3525.98	(dBm)	(dB)
40	QPSK	1	1	25.21	25.26	24.23	26.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.21	25.26	24.26	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.20	25.22	24.29	26.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.19	25.28	24.28	26.5	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3447.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	25.21	25.23	24.29	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.21	25.29	24.30	26.5	0.0

Part27O n78(HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.64		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.85			
100	PI/2 BPSK	135	0		25.35		26.5	0.5
100	PI/2 BPSK	135	69		25.82		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.40			
100	QPSK	1	1		25.88		27.0	0.0
100	QPSK	1	137		25.95			
100	QPSK	1	271		25.89			
100	QPSK	135	0		24.76		27.0	0.0
100	QPSK	135	69		25.93			
100	QPSK	135	138		24.85			
100	QPSK	270	0		24.85		26.0	1.0
100	16QAM	1	1		24.76		26.0	1.0
100	64QAM	1	1		23.19		24.5	2.5
100	256QAM	1	1		21.22		22.5	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3742.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.70	25.83	24.83	27.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.79	25.81	24.80	27.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	25.76	25.77	24.78	27.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.72	25.82	24.81	27.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.77	25.81	24.78	27.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.76	25.85	24.82	27.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.77	25.86	24.81	27.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.72	25.77	24.83	27.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.70	25.78	24.83	27.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.76	25.83	24.82	27.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.75	25.85	24.79	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		22.20		23.5	0.0
100	PI/2 BPSK	1	137		22.17			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		22.19		23.5	0.0
100	PI/2 BPSK	135	69		22.23		23.5	0.0
100	PI/2 BPSK	135	138		22.24		23.5	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.31		23.5	0.0
100	QPSK	1	137		22.37			
100	QPSK	1	271		22.24			
100	QPSK	135	0		22.10		23.5	0.0
100	QPSK	135	69		22.31			
100	QPSK	135	138		22.15			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.33		23.5	0.0
100	64QAM	1	1		22.22		23.5	0.0
100	256QAM	1	1		21.17		22.0	1.5
	Channel			633000	633332	633665	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3804.99	(dBm)	(dB)
90	QPSK	1	1	22.25	22.28	22.19	23.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.24	22.29	22.25	23.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3814.98	(dBm)	(dB)
70	QPSK	1	1	22.23	22.26	22.23	23.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3440	3469.98	3919.99	(dBm)	(dB)
60	QPSK	1	1	22.20	22.26	22.19	23.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3505	(dBm)	(dB)
50	QPSK	1	1	22.27	22.27	22.23	23.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.28	22.26	22.16	23.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.29	22.35	22.20	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.22	22.27	22.22	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.20	22.26	22.16	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	22.22	22.30	22.16	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.22	22.33	22.23	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		22.79		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.72			
100	PI/2 BPSK	135	0		22.81		24.0	0.0
100	PI/2 BPSK	135	69		22.90		24.0	0.0
100	PI/2 BPSK	135	138		22.90			
100	PI/2 BPSK	270	0		22.81		24.0	0.0
100	QPSK	1	1		22.86			
100	QPSK	1	137		22.94		24.0	0.0
100	QPSK	1	271		22.87			
100	QPSK	135	0		22.81			
100	QPSK	135	69		22.91		24.0	0.0
100	QPSK	135	138		22.82			
100	QPSK	270	0		22.88		24.0	0.0
100	16QAM	1	1		22.85		24.0	0.0
100	64QAM	1	1		22.87		24.0	0.0
100	256QAM	1	1		21.22		22.5	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3742.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.77	22.82	22.77	24.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.85	22.88	22.74	24.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	22.81	22.83	22.78	24.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.82	22.87	22.78	24.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.82	22.84	22.79	24.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.84	22.88	22.82	24.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.83	22.87	22.78	24.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.85	22.87	22.81	24.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.86	22.85	22.81	24.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.78	22.92	22.78	24.0	0.0

Part27Q n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.60		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.36		26.5	0.5
100	PI/2 BPSK	135	69		25.61		27.0	0.0
100	PI/2 BPSK	135	135		25.44		26.5	0.5
100	PI/2 BPSK	270	0		25.42			
100	QPSK	1	1		25.61		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.58			
100	QPSK	135	0		25.61		27.0	0.0
100	QPSK	135	69		25.60			
100	QPSK	135	135		25.15			
100	QPSK	270	0		24.70		26.0	1.0
100	16QAM	1	1		24.73		26.0	1.0
100	64QAM	1	1		23.45		24.5	2.5
100	256QAM	1	1		21.42		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.49	25.53	24.56	27.0	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3466.98	3533	(dBm)	(dB)
80	QPSK	1	1	25.44	25.56	24.56	27.0	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	25.46	25.53	24.56	27.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.44	25.56	24.51	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.47	25.52	24.52	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.47	25.54	24.55	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.51	25.54	24.54	27.0	0.0
Channel				630334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.45	25.58	24.53	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.47	25.50	24.51	27.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.47	25.53	24.57	27.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.45	25.55	24.52	27.0	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.82		27.5	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.77			
100	PI/2 BPSK	135	0		25.87		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.86		27.0	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.00		27.5	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		25.91			
100	QPSK	135	0		25.61		27.5	0.0
100	QPSK	135	69		26.08			
100	QPSK	135	138		25.57			
100	QPSK	270	0		25.54		26.5	1.0
100	16QAM	1	1		25.51		26.5	1.0
100	64QAM	1	1		24.23		25.0	2.5
100	256QAM	1	1		22.13		23.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.91	25.97	24.92	27.5	0.0
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.92	25.95	24.90	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.83	25.93	24.89	27.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	25.84	25.89	24.96	27.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.83	25.96	24.97	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3785	(dBm)	(dB)
40	QPSK	1	1	25.91	25.93	24.91	27.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.86	25.94	24.90	27.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.83	25.89	24.96	27.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.82	25.93	24.94	27.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.87	25.97	24.96	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.88	25.89	24.92	27.5	0.0

Part27Q n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		22.37		24.0	0.0
100	PI/2 BPSK	1	137		22.21			
100	PI/2 BPSK	1	271		22.29			
100	PI/2 BPSK	135	0		22.27		24.0	0.0
100	PI/2 BPSK	135	69		22.28		24.0	0.0
100	PI/2 BPSK	135	138		22.28		24.0	0.0
100	PI/2 BPSK	270	0		22.25			
100	QPSK	1	1		22.56		24.0	0.0
100	QPSK	1	137		22.59			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.41		24.0	0.0
100	QPSK	135	69		22.52			
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.48		24.0	0.0
100	16QAM	1	1		22.33		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.42		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.42	22.50	22.47	24.0	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3466.98	3533	(dBm)	(dB)
80	QPSK	1	1	22.50	22.48	22.44	24.0	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	22.50	22.51	22.39	24.0	0.0
Channel				634000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.45	22.52	22.43	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.43	22.52	22.42	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.49	22.53	22.45	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.49	22.52	22.44	24.0	0.0
Channel				630668	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.51	22.50	22.41	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.43	22.54	22.47	24.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.42	22.53	22.39	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.42	22.55	22.45	24.0	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.94		24.5	0.0
100	PI/2 BPSK	1	137		22.90			
100	PI/2 BPSK	1	271		22.88			
100	PI/2 BPSK	135	0		22.99		24.5	0.0
100	PI/2 BPSK	135	69		22.80		24.5	0.0
100	PI/2 BPSK	135	138		22.86		24.5	0.0
100	PI/2 BPSK	270	0		22.89			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		22.93			
100	QPSK	135	0		22.94		24.5	0.0
100	QPSK	135	69		22.96			
100	QPSK	135	138		22.94			
100	QPSK	270	0		22.95		24.5	0.0
100	16QAM	1	1		22.84		24.5	0.0
100	64QAM	1	1		22.86		24.5	0.0
100	256QAM	1	1		22.13		23.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.95	22.95	22.87	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.88	22.96	22.89	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	22.92	22.98	22.91	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3785	(dBm)	(dB)
40	QPSK	1	1	22.95	22.97	22.84	24.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	22.84	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.87	23.00	22.87	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.94	23.01	22.85	24.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.95	22.93	22.83	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.97	22.92	24.5	0.0

Reduced Power for DSI 0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.28	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.69	20.64	20.69	22.5	0.0
20	PI/2 BPSK	1	53	20.59	20.62	20.57		
20	PI/2 BPSK	1	104	20.50	20.57	20.50		
20	PI/2 BPSK	50	0	20.69	20.68	20.63	22.5	0.0
20	PI/2 BPSK	50	28	20.66	20.55	20.69	22.5	0.0
20	PI/2 BPSK	50	56	20.65	20.71	20.68	22.5	0.0
20	PI/2 BPSK	100	0	20.57	20.63	20.68		
20	QPSK	1	1	20.68	20.71	20.69	22.5	0.0
20	QPSK	1	53	20.60	20.62	20.68		
20	QPSK	1	104	20.55	20.61	20.51		
20	QPSK	50	0	20.62	20.65	20.63	22.5	0.0
20	QPSK	50	28	20.68	20.69	20.67	22.5	0.0
20	QPSK	50	56	20.63	20.61	20.57	22.5	0.0
20	QPSK	100	0	20.63	20.68	20.59		
20	16QAM	1	1	20.63	20.54	20.69	22.5	0.0
20	64QAM	1	1	20.61	20.65	20.50	22.5	0.0
20	256QAM	1	1	19.11	19.26	19.09	21.0	1.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	20.51	20.53	20.71	22.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	20.53	20.70	20.72	22.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	20.52	20.67	20.60	22.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.70	16.79	16.70	18.5	0.0
50	PI/2 BPSK	1	135	16.74	16.78	16.80		
50	PI/2 BPSK	1	268	16.72	16.79	16.78		
50	PI/2 BPSK	135	0	16.72	16.77	16.70	18.5	0.0
50	PI/2 BPSK	135	68	16.71	16.79	16.71	18.5	0.0
50	PI/2 BPSK	135	135	16.72	16.77	16.69	18.5	0.0
50	PI/2 BPSK	270	0	16.72	16.78	16.70		
50	QPSK	1	1	16.82	16.89	16.81	18.5	0.0
50	QPSK	1	135	16.70	16.77	16.69		
50	QPSK	1	268	16.70	16.77	16.71		
50	QPSK	135	0	16.70	16.78	16.68	18.5	0.0
50	QPSK	135	68	16.72	16.82	16.71	18.5	0.0
50	QPSK	135	135	16.71	16.78	16.64	18.5	0.0
50	QPSK	270	0	16.71	16.78	16.71		
50	16QAM	1	1	16.72	16.78	16.71	18.5	0.0
50	64QAM	1	1	16.71	16.77	16.70	18.5	0.0
50	256QAM	1	1	16.71	16.77	16.70	18.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	16.71	16.79	16.71	18.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	16.70	16.78	16.71	18.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	16.71	16.77	16.71	18.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.70	16.77	16.69	18.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2533	2562.5	(dBm)	(dB)
15	QPSK	1	1	16.72	16.77	16.70	18.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	16.72	16.78	16.69	18.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	16.72	16.79	16.70	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.41	24.52	24.40	25.5	0.0
50	PI/2 BPSK	1	135	24.50	24.50	24.33		
50	PI/2 BPSK	1	268	24.23	24.43	24.38		
50	PI/2 BPSK	135	0	24.17	24.22	24.13	25.0	0.5
50	PI/2 BPSK	135	68	24.38	24.49	24.37	25.5	0.0
50	PI/2 BPSK	135	135	24.08	24.22	24.02	25.0	0.5
50	PI/2 BPSK	270	0	24.13	24.29	24.23		
50	QPSK	1	1	24.49	24.56	24.52	25.5	0.0
50	QPSK	1	135	24.27	24.47	24.33		
50	QPSK	1	268	24.40	24.52	24.44		
50	QPSK	135	0	23.49	23.64	23.50	24.5	1.0
50	QPSK	135	68	24.46	24.51	24.44	25.5	0.0
50	QPSK	135	135	23.47	23.55	23.38	24.5	1.0
50	QPSK	270	0	23.52	23.58	23.49		
50	16QAM	1	1	23.30	23.32	23.20	24.5	1.0
50	64QAM	1	1	21.68	21.79	21.68	23.0	2.5
50	256QAM	1	1	20.18	20.37	20.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	24.40	24.52	24.47	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	24.46	24.48	24.47	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.44	24.54	24.48	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	24.41	24.47	24.44	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.45	24.53	24.42	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.38	24.49	24.47	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.38	24.52	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.94	17.92	17.91	19.5	0.0
50	PI/2 BPSK	1	135	17.92	17.91	17.95		
50	PI/2 BPSK	1	268	17.93	17.96	17.90		
50	PI/2 BPSK	135	0	17.87	17.85	17.92	19.5	0.0
50	PI/2 BPSK	135	68	17.92	17.85	17.90	19.5	0.0
50	PI/2 BPSK	135	135	17.94	17.93	17.92		
50	PI/2 BPSK	270	0	17.83	17.78	17.93	19.5	0.0
50	QPSK	1	1	17.93	17.98	17.92		
50	QPSK	1	135	17.92	17.89	17.87	19.5	0.0
50	QPSK	1	268	17.88	17.88	17.83		
50	QPSK	135	0	17.90	17.85	17.84	19.5	0.0
50	QPSK	135	68	17.91	17.95	17.90	19.5	0.0
50	QPSK	135	135	17.94	17.84	17.83		
50	QPSK	270	0	17.83	17.89	17.87	19.5	0.0
50	16QAM	1	1	17.88	17.83	17.79	19.5	0.0
50	64QAM	1	1	17.36	17.74	17.88	19.5	0.0
50	256QAM	1	1	17.86	17.91	17.92	19.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	17.73	17.70	17.71	19.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.74	17.71	17.69	19.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.72	17.71	17.69	19.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	17.73	17.72	17.71	19.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.72	17.72	17.70	19.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.74	17.70	17.69	19.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.72	17.70	17.71	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.37	18.40	18.31	19.5	0.0
50	PI/2 BPSK	1	135	18.38	18.38	18.30		
50	PI/2 BPSK	1	268	18.38	18.38	18.31		
50	PI/2 BPSK	135	0	18.37	18.38	18.32	19.5	0.0
50	PI/2 BPSK	135	68	18.38	18.40	18.32	19.5	0.0
50	PI/2 BPSK	135	135	18.36	18.40	18.32		
50	PI/2 BPSK	270	0	18.37	18.39	18.30	19.5	0.0
50	QPSK	1	1	18.48	18.50	18.42		
50	QPSK	1	135	18.38	18.39	18.31	19.5	0.0
50	QPSK	1	268	18.36	18.40	18.31		
50	QPSK	135	0	18.37	18.36	18.31	19.5	0.0
50	QPSK	135	68	18.38	18.47	18.32	19.5	0.0
50	QPSK	135	135	18.37	18.39	18.29		
50	QPSK	270	0	18.36	18.40	18.30	19.5	0.0
50	16QAM	1	1	18.37	18.40	18.32	19.5	0.0
50	64QAM	1	1	18.37	18.39	18.30	19.5	0.0
50	256QAM	1	1	18.37	18.40	18.32	19.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	18.23	18.25	18.16	19.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	18.22	18.24	18.15	19.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	18.21	18.23	18.15	19.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	18.22	18.24	18.16	19.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	18.21	18.25	18.17	19.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	18.22	18.24	18.16	19.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	18.22	18.24	18.16	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	14.76	14.77	14.63	16.5	0.0
40	PI/2 BPSK	1	108	14.75	14.78	14.65		
40	PI/2 BPSK	1	214	14.76	14.78	14.63		
40	PI/2 BPSK	108	0	14.75	14.77	14.63	16.5	0.0
40	PI/2 BPSK	108	54	14.75	14.76	14.64	16.5	0.0
40	PI/2 BPSK	108	108	14.75	14.78	14.63	16.5	0.0
40	PI/2 BPSK	216	0	14.76	14.76	14.63		
40	QPSK	1	1	14.86	14.88	14.75		
40	QPSK	1	108	14.74	14.76	14.64	16.5	0.0
40	QPSK	1	214	14.74	14.77	14.65		
40	QPSK	108	0	14.75	14.76	14.65	16.5	0.0
40	QPSK	108	54	14.76	14.83	14.66	16.5	0.0
40	QPSK	108	108	14.65	14.77	14.61	16.5	0.0
40	QPSK	216	0	14.75	14.76	14.63		
40	16QAM	1	1	14.75	14.78	14.63	16.5	0.0
40	64QAM	1	1	14.76	14.78	14.64	16.5	0.0
40	256QAM	1	1	14.76	14.78	14.64	16.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	14.76	14.78	14.64	16.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	14.74	14.76	14.63	16.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	14.75	14.77	14.64	16.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	14.74	14.78	14.64	16.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	14.76	14.78	14.64	16.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	14.76	14.77	14.64	16.5	0.0

n66_Ant 1 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.80	16.86	16.86	18.0	0.0
40	PI/2 BPSK	1	108	16.87	16.99	17.01		
40	PI/2 BPSK	1	214	16.68	16.78	16.74		
40	PI/2 BPSK	108	0	16.97	16.94	16.88	18.0	0.0
40	PI/2 BPSK	108	54	16.83	16.88	16.86	18.0	0.0
40	PI/2 BPSK	108	108	16.75	16.84	16.79	18.0	0.0
40	PI/2 BPSK	216	0	16.90	16.99	16.97		
40	QPSK	1	1	16.94	17.02	16.87		
40	QPSK	1	108	16.90	16.88	16.82	18.0	0.0
40	QPSK	1	214	16.71	16.74	16.81		
40	QPSK	108	0	16.89	16.94	16.86	18.0	0.0
40	QPSK	108	54	16.93	17.00	16.97	18.0	0.0
40	QPSK	108	108	16.70	16.82	16.75	18.0	0.0
40	QPSK	216	0	16.93	16.98	16.95		
40	16QAM	1	1	16.55	16.65	16.57	18.0	0.0
40	64QAM	1	1	16.67	16.77	16.60	18.0	0.0
40	256QAM	1	1	16.94	16.91	16.76	18.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	16.76	16.81	16.89	18.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	16.73	16.78	16.62	18.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	16.77	16.78	16.69	18.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	16.69	16.78	16.63	18.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	16.75	16.84	16.69	18.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1746	1777.5	(dBm)	(dB)
5	QPSK	1	1	16.77	16.79	16.61	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.48	23.56	23.38		
40	PI/2 BPSK	1	108	23.52	23.61	23.46	25.0	0.0
40	PI/2 BPSK	1	214	23.29	23.46	23.35		
40	PI/2 BPSK	108	0	22.90	22.91	22.87	24.5	0.5
40	PI/2 BPSK	108	54	23.48	23.58	23.57	25.0	0.0
40	PI/2 BPSK	108	108	22.98	23.04	22.96	24.5	0.5
40	PI/2 BPSK	216	0	22.91	23.09	23.03		
40	QPSK	1	1	23.61	23.65	23.55		
40	QPSK	1	108	23.52	23.56	23.49	25.0	0.0
40	QPSK	1	214	23.25	23.45	23.26		
40	QPSK	108	0	22.19	22.32	22.21	24.0	1.0
40	QPSK	108	54	23.46	23.51	23.41	25.0	0.0
40	QPSK	108	108	22.39	22.57	22.44	24.0	1.0
40	QPSK	216	0	22.50	22.58	22.48		
40	16QAM	1	1	22.03	22.23	22.06	24.0	1.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	2.5
40	256QAM	1	1	19.89	19.69	19.63	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.53	23.58	23.48	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.57	23.57	23.49	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.51	23.55	23.46	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.57	23.61	23.48	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.63	23.47	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.57	23.46	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.05	18.11	18.05		
40	PI/2 BPSK	1	108	18.03	18.10	18.06	20.0	0.0
40	PI/2 BPSK	1	214	18.05	18.11	18.04		
40	PI/2 BPSK	108	0	18.05	18.10	18.05	20.0	0.0
40	PI/2 BPSK	108	54	18.05	18.11	18.05	20.0	0.0
40	PI/2 BPSK	108	108	18.04	18.12	18.05	20.0	0.0
40	PI/2 BPSK	216	0	18.04	18.10	18.04		
40	QPSK	1	1	18.15	18.22	18.16		
40	QPSK	1	109	18.03	18.12	18.08	20.0	0.0
40	QPSK	1	214	18.05	18.10	18.04		
40	QPSK	108	0	18.03	18.11	18.05	20.0	0.0
40	QPSK	108	54	18.09	18.15	18.06	20.0	0.0
40	QPSK	108	108	18.05	18.12	18.05	20.0	0.0
40	QPSK	216	0	18.05	18.11	18.04		
40	16QAM	1	1	18.05	18.12	18.05	20.0	0.0
40	64QAM	1	1	18.02	18.08	18.09	20.0	0.0
40	256QAM	1	1	17.48	17.56	17.53	19.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	18.05	18.11	18.04	20.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	18.03	18.11	18.04	20.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	18.04	18.12	18.04	20.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	18.05	18.10	18.06	20.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	18.03	18.11	18.04	20.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	18.04	18.12	18.05	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.15	20.08	20.13		
40	PI/2 BPSK	1	108	20.17	20.18	20.21	22.0	0.0
40	PI/2 BPSK	1	214	20.09	20.15	20.06		
40	PI/2 BPSK	108	0	19.99	20.07	20.12	22.0	0.0
40	PI/2 BPSK	108	54	20.06	20.17	19.99	22.0	0.0
40	PI/2 BPSK	108	108	20.04	20.10	20.03	22.0	0.0
40	PI/2 BPSK	216	0	20.05	20.03	20.06		
40	QPSK	1	1	20.19	20.33	20.25		
40	QPSK	1	108	19.98	20.23	20.08	22.0	0.0
40	QPSK	1	214	19.99	20.24	20.20		
40	QPSK	108	0	20.15	20.18	20.16	22.0	0.0
40	QPSK	108	54	20.16	20.30	20.29	22.0	0.0
40	QPSK	108	108	20.07	20.19	19.98	22.0	0.0
40	QPSK	216	0	20.25	20.28	20.24		
40	16QAM	1	1	20.01	20.07	20.11	22.0	0.0
40	64QAM	1	1	20.05	20.16	20.00	22.0	0.0
40	256QAM	1	1	19.43	19.61	19.83	21.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.15	20.26	20.21	22.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	20.08	20.23	20.23	22.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.11	20.29	20.26	22.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.17	20.22	20.15	22.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	20.08	20.30	20.20	22.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	20.17	20.23	20.23	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.09	23.20	23.18		
40	PI/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	PI/2 BPSK	1	214	23.14	23.26	23.12		
40	PI/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	PI/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	PI/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	PI/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.78	16.86	16.78		
40	PI/2 BPSK	1	53	16.79	16.86	16.77	18.5	0.0
40	PI/2 BPSK	1	104	16.77	16.87	16.78		
40	PI/2 BPSK	50	0	16.77	16.87	16.76	18.5	0.0
40	PI/2 BPSK	50	28	16.77	16.86	16.77	18.5	0.0
40	PI/2 BPSK	50	56	16.78	16.88	16.78	18.5	0.0
40	PI/2 BPSK	100	0	16.77	16.86	16.76		
40	QPSK	1	1	16.89	16.96	16.88		
40	QPSK	1	53	16.79	16.87	16.78	18.5	0.0
40	QPSK	1	104	16.79	16.88	16.76		
40	QPSK	50	0	16.80	16.85	16.71		
40	QPSK	50	28	16.81	16.86	16.77	18.5	0.0
40	QPSK	50	56	16.79	16.82	16.71		
40	QPSK	100	0	16.78	16.84	16.77	18.5	0.0
40	16QAM	1	1	16.79	16.88	16.77	18.5	0.0
40	64QAM	1	1	16.79	16.86	16.76	18.5	0.0
40	256QAM	1	1	16.77	16.86	16.76	18.5	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.77	16.88	16.77	18.5	0.0
Channel				516004	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	16.78	16.87	16.77	18.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.77	16.87	16.76	18.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.78	16.87	16.77	18.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.77	16.87	16.78	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.38	24.58	24.49		
40	PI/2 BPSK	1	53	24.53	24.56	24.51	25.7	0.0
40	PI/2 BPSK	1	104	24.37	24.54	24.47		
40	PI/2 BPSK	50	0	23.88	24.01	23.96	25.2	0.5
40	PI/2 BPSK	50	28	24.51	24.55	24.36	25.7	0.0
40	PI/2 BPSK	50	56	23.99	24.03	24.03		
40	PI/2 BPSK	100	0	23.96	24.08	23.98	25.2	0.5
40	QPSK	1	1	24.51	24.61	24.50		
40	QPSK	1	53	24.36	24.50	24.48	25.7	0.0
40	QPSK	1	104	24.24	24.42	24.37		
40	QPSK	50	0	23.50	23.65	23.41		
40	QPSK	50	28	24.49	24.60	24.41	25.7	0.0
40	QPSK	50	56	23.48	23.62	23.54		
40	QPSK	100	0	23.52	23.58	23.44	24.7	1.0
40	16QAM	1	1	23.19	23.29	23.13	24.7	1.0
40	64QAM	1	1	21.71	21.71	21.54	23.2	2.5
40	256QAM	1	1	20.19	20.33	20.22	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	24.43	24.59	24.47	25.7	0.0
Channel				516004	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	24.48	24.53	24.39	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	24.48	24.55	24.42	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	24.41	24.57	24.44	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	24.40	24.58	24.43	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.04	17.11	17.03		
40	PI/2 BPSK	1	53	17.06	17.11	17.05	19.0	0.0
40	PI/2 BPSK	1	104	17.02	17.10	17.04		
40	PI/2 BPSK	50	0	17.15	17.09	17.08	19.0	0.0
40	PI/2 BPSK	50	28	17.03	17.11	17.12	19.0	0.0
40	PI/2 BPSK	50	56	17.02	17.09	17.03		
40	PI/2 BPSK	100	0	17.08	17.11	17.04	19.0	0.0
40	QPSK	1	1	17.14	17.21	17.15		
40	QPSK	1	53	17.02	17.09	17.03	19.0	0.0
40	QPSK	1	104	17.03	17.08	17.04		
40	QPSK	50	0	17.00	17.10	17.06		
40	QPSK	50	28	17.03	17.11	17.08	19.0	0.0
40	QPSK	50	56	17.00	17.05	17.03		
40	QPSK	100	0	17.02	17.09	17.04	19.0	0.0
40	16QAM	1	1	17.03	17.09	17.03	19.0	0.0
40	64QAM	1	1	17.02	17.11	17.05	19.0	0.0
40	256QAM	1	1	17.02	17.09	17.03	19.0	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	17.04	17.10	17.05	19.0	0.0
Channel				516504	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	17.02	17.10	17.03	19.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	17.02	17.11	17.04	19.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	17.04	17.08	17.04	19.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	17.02	17.10	17.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.58	16.67	16.69		
40	PI/2 BPSK	1	53	16.54	16.68	16.63	17.7	0.0
40	PI/2 BPSK	1	104	16.59	16.62	16.60		
40	PI/2 BPSK	50	0	16.58	16.59	16.65	17.7	0.0
40	PI/2 BPSK	50	28	16.60	16.58	16.54	17.7	0.0
40	PI/2 BPSK	50	56	16.61	16.66	16.65	17.7	0.0
40	PI/2 BPSK	100	0	16.59	16.67	16.65		
40	QPSK	1	1	16.70	16.78	16.75		
40	QPSK	1	53	16.58	16.57	16.64	17.7	0.0
40	QPSK	1	104	16.58	16.62	16.65		
40	QPSK	50	0	16.58	16.66	16.64		
40	QPSK	50	28	16.60	16.68	16.67	17.7	0.0
40	QPSK	50	56	16.59	16.67	16.64		
40	QPSK	100	0	16.58	16.66	16.65	17.7	0.0
40	16QAM	1	1	16.51	16.58	16.64	17.7	0.0
40	64QAM	1	1	16.59	16.67	16.63	17.7	0.0
40	256QAM	1	1	16.58	16.67	16.65	17.7	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.58	16.63	16.69	17.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	16.57	16.68	16.62	17.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.57	16.66	16.65	17.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.59	16.65	16.61	17.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.59	16.67	16.61	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.05	17.09	17.04	18.5	0.0
100	PI/2 BPSK	1	137	16.99	16.97	16.89		
100	PI/2 BPSK	1	271	17.01	17.03	16.95		
100	PI/2 BPSK	135	0	17.10	17.07	16.90	18.5	0.0
100	PI/2 BPSK	135	69	17.09	17.05	17.06	18.5	0.0
100	PI/2 BPSK	135	138	17.04	17.09	17.06	18.5	0.0
100	PI/2 BPSK	270	0	17.08	17.11	16.94		
100	QPSK	1	1	17.09	17.14	17.03	18.5	0.0
100	QPSK	1	137	17.04	17.10	16.94		
100	QPSK	1	271	17.00	17.11	16.97		
100	QPSK	135	0	17.02	17.10	17.03	18.5	0.0
100	QPSK	135	69	17.07	17.13	17.12		
100	QPSK	135	138	17.03	17.10	17.11		
100	QPSK	270	0	17.06	17.11	16.97	18.5	0.0
100	16QAM	1	1	16.88	16.89	16.80	18.5	0.0
100	64QAM	1	1	16.80	16.95	16.89	18.5	0.0
100	256QAM	1	1	16.58	17.10	17.08	18.5	0.0
Channel				508392	518598	528804	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	17.00	16.99	16.97	18.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	17.05	17.18	16.85	18.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	17.02	17.15	16.92	18.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	17.09	17.05	17.00	18.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	17.07	17.04	17.01	18.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	17.12	17.05	16.92	18.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	17.09	17.06	16.91	18.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.97	17.16	16.97	18.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	16.94	17.16	17.01	18.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.97	16.99	16.95	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.50	24.51	24.39	25.7	0.0
100	PI/2 BPSK	1	137	24.50	24.53	24.53		
100	PI/2 BPSK	1	271	24.47	24.52	24.50		
100	PI/2 BPSK	135	0	24.07	24.14	23.99	25.2	0.5
100	PI/2 BPSK	135	69	24.44	24.47	24.26	25.7	0.0
100	PI/2 BPSK	135	138	24.14	24.24	24.14		
100	PI/2 BPSK	270	0	24.02	24.21	24.17	25.2	0.5
100	QPSK	1	1	24.53	24.62	24.49	25.7	0.0
100	QPSK	1	137	24.40	24.47	24.28		
100	QPSK	1	271	24.53	24.58	24.46		
100	QPSK	135	0	23.83	23.86	23.85	25.7	0.0
100	QPSK	135	69	24.49	24.52	24.43		
100	QPSK	135	138	23.71	23.84	23.72		
100	QPSK	270	0	23.72	23.82	23.76	24.7	1.0
100	16QAM	1	1	23.24	23.39	23.24	24.7	1.0
100	64QAM	1	1	21.73	21.88	21.85	23.2	2.5
100	256QAM	1	1	20.33	20.53	20.17	21.2	4.5
Channel				508392	518598	528804	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	24.30	24.37	24.23	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	24.31	24.37	24.22	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.34	24.40	24.24	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	24.34	24.36	24.22	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.38	24.32	24.25	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.40	24.39	24.25	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.36	24.38	24.24	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.33	24.35	24.19	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.24	17.33	17.18	19.0	0.0
100	PI/2 BPSK	1	137	17.18	17.26	17.09		
100	PI/2 BPSK	1	271	17.21	17.18	17.22		
100	PI/2 BPSK	135	0	17.22	17.26	17.15	19.0	0.0
100	PI/2 BPSK	135	69	17.19	17.26	17.11	19.0	0.0
100	PI/2 BPSK	135	138	17.12	17.17	17.10	19.0	0.0
100	PI/2 BPSK	270	0	17.21	17.26	17.01		
100	QPSK	1	1	17.18	17.36	17.24	19.0	0.0
100	QPSK	1	137	17.17	17.34	17.17		
100	QPSK	1	271	17.09	17.13	17.12		
100	QPSK	135	0	17.08	17.17	17.15	19.0	0.0
100	QPSK	135	69	17.18	17.20	17.18		
100	QPSK	135	138	17.16	17.18	17.17		
100	QPSK	270	0	17.07	17.19	17.07	19.0	0.0
100	16QAM	1	271	17.22	17.32	17.04	19.0	0.0
100	64QAM	1	271	17.23	17.15	17.07	19.0	0.0
100	256QAM	1	271	17.20	17.25	17.18	19.0	0.0
Channel				508392	518598	528804	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	17.52	17.39	17.23	19.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	17.17	17.38	17.13	19.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	17.15	17.35	17.11	19.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	17.02	17.34	17.21	19.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	17.15	17.29	17.21	19.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	17.12	17.37	17.15	19.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.35	17.21	19.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	17.21	17.38	17.22	19.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	17.01	17.23	17.11	19.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	17.21	17.33	17.08	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.88	16.98	16.78	17.7	0.0
100	PI/2 BPSK	1	137	16.93	16.95	16.88		
100	PI/2 BPSK	1	271	16.84	16.93	16.73		
100	PI/2 BPSK	135	0	17.06	17.09	16.97	17.7	0.0
100	PI/2 BPSK	135	69	17.09	16.93	16.93	17.7	0.0
100	PI/2 BPSK	135	138	16.96	17.11	16.98	17.7	0.0
100	PI/2 BPSK	270	0	17.00	17.04	17.03		
100	QPSK	1	1	16.92	17.13	16.88	17.7	0.0
100	QPSK	1	137	16.75	16.87	16.78		
100	QPSK	1	271	16.91	16.85	16.76		
100	QPSK	135	0	17.00	16.88	16.90	17.7	0.0
100	QPSK	135	69	17.02	17.09	16.98		
100	QPSK	135	138	16.95	16.89	16.94		
100	QPSK	270	0	17.04	17.06	16.94	17.7	0.0
100	16QAM	1	271	16.97	16.97	17.09	17.7	0.0
100	64QAM	1	271	16.98	17.02	17.03	17.7	0.0
100	256QAM	1	271	16.98	17.01	17.01	17.7	0.0
Channel				508392	518598	528804	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	16.82	17.06	16.79	17.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.80	17.07	16.91	17.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.80	17.05	16.90	17.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.93	16.98	16.75	17.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.78	17.10	16.90	17.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.87	17.06	16.83	17.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.89	17.11	16.73	17.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.88	17.02	16.78	17.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	16.82	17.04	16.71	17.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.93	17.11	16.78	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.99			
100	PI/2 BPSK	1	271		20.86			
100	PI/2 BPSK	135	0		20.91		22.5	0.0
100	PI/2 BPSK	135	69		20.98		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.07		22.5	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.97		22.5	0.0
100	QPSK	135	69		21.15			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.00		22.5	0.0
100	16QAM	1	1		21.00		22.5	0.0
100	64QAM	1	1		20.98		22.5	0.0
100	256QAM	1	1		19.37		21.0	1.5
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	21.05	21.04	21.01	22.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.99	21.04	20.99	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.04	21.09	21.02	22.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.00	21.08	20.96	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.99	21.06	20.95	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.06	21.12	20.98	22.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.02	21.05	21.00	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.03	21.11	21.01	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.00	21.04	20.99	22.5	0.0
Channel				630668	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.05	21.10	21.02	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.06	21.09	21.02	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.47	21.42	23.0	0.0
100	PI/2 BPSK	1	137	21.58	21.79	21.73		
100	PI/2 BPSK	1	271	21.46	21.55	21.55		
100	PI/2 BPSK	135	0	21.70	21.75	21.70	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.68	21.67	23.0	0.0
100	PI/2 BPSK	135	138	21.51	21.65	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.52	21.70	21.58		
100	QPSK	1	1	21.46	21.46	21.46	23.0	0.0
100	QPSK	1	137	21.68	21.80	21.97		
100	QPSK	1	271	21.71	21.72	21.67		
100	QPSK	135	0	21.60	21.57	21.66	23.0	0.0
100	QPSK	135	69	21.75	21.77	21.86		
100	QPSK	135	138	21.71	21.72	21.71		
100	QPSK	270	0	21.67	21.78	21.82	23.0	0.0
100	16QAM	1	1	21.82	21.84	21.87	23.0	0.0
100	64QAM	1	1	21.81	21.84	21.83	23.0	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.84	21.77	21.83	23.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3840	3935.99	(dBm)	(dB)
80	QPSK	1	1	21.81	21.72	21.94	23.0	0.0
Channel				649000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.80	21.76	21.88	23.0	0.0
Channel				648668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.86	21.69	21.94	23.0	0.0
Channel				648334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.81	21.75	21.92	23.0	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	21.72	21.91	23.0	0.0
Channel				647668	650000	654332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3834.99	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.80	21.73	21.95	23.0	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.77	21.73	21.89	23.0	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3715.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.86	21.72	21.95	23.0	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.84	21.71	21.86	23.0	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.84	21.76	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.01		19.5	0.0
100	PI/2 BPSK	1	137		18.04			
100	PI/2 BPSK	1	271		17.93			
100	PI/2 BPSK	135	0		17.96		19.5	0.0
100	PI/2 BPSK	135	69		18.04		19.5	0.0
100	PI/2 BPSK	135	138		18.09		19.5	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.12			
100	QPSK	1	271		18.07			
100	QPSK	135	0		18.01		19.5	0.0
100	QPSK	135	69		18.09			
100	QPSK	135	138		18.04			
100	QPSK	270	0		18.02		19.5	0.0
100	16QAM	1	1		17.77		19.5	0.0
100	64QAM	1	1		17.79		19.5	0.0
100	256QAM	1	1		17.96		19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3554.99	(dBm)	(dB)
90	QPSK	1	1	17.97	18.15	18.03	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.01	17.96	18.11	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3457.51	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.02	18.02	18.01	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.98	18.04	18.08	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.13	17.99	18.00	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.98	18.02	18.04	19.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.11	18.14	18.12	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.08	18.15	17.97	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.03	18.06	17.99	19.5	0.0
Channel				630668	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.09	18.06	18.00	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.00	18.12	18.14	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.20	18.20	18.19	20.0	0.0
100	PI/2 BPSK	1	137	18.39	18.52	18.44		
100	PI/2 BPSK	1	271	18.17	18.33	18.33		
100	PI/2 BPSK	135	0	18.40	18.51	18.42	20.0	0.0
100	PI/2 BPSK	135	69	18.30	18.37	18.38	20.0	0.0
100	PI/2 BPSK	135	138	18.30	18.45	18.29	20.0	0.0
100	PI/2 BPSK	270	0	18.32	18.41	18.34		
100	QPSK	1	1	18.27	18.25	18.21	20.0	0.0
100	QPSK	1	137	18.01	18.51	18.66		
100	QPSK	1	271	18.49	18.49	18.45		
100	QPSK	135	0	18.34	18.38	18.42	20.0	0.0
100	QPSK	135	69	18.49	18.49	18.53		
100	QPSK	135	138	18.45	18.41	18.42		
100	QPSK	270	0	18.35	18.46	18.49	20.0	0.0
100	16QAM	1	1	18.54	18.65	18.59	20.0	0.0
100	64QAM	1	1	18.62	18.62	18.58	20.0	0.0
100	256QAM	1	1	18.41	18.53	18.51	20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.21	18.08	18.19	20.0	0.0
Channel				649354	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3840	3935.99	(dBm)	(dB)
80	QPSK	1	1	18.16	18.22	18.14	20.0	0.0
Channel				649000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.14	18.22	18.05	20.0	0.0
Channel				648668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.16	18.27	18.07	20.0	0.0
Channel				648334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.10	18.09	18.15	20.0	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.29	18.12	18.08	20.0	0.0
Channel				647668	650000	654332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.18	18.24	18.10	20.0	0.0
Channel				647500	650000	654500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.12	18.23	18.11	20.0	0.0
Channel				647354	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.28	18.19	18.18	20.0	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.26	18.13	18.23	20.0	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.14	18.11	18.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.64		22.5	0.0
100	PI/2 BPSK	1	137		20.76			
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.82		22.5	0.0
100	PI/2 BPSK	135	69		20.71		22.5	0.0
100	PI/2 BPSK	135	138		20.81		22.5	0.0
100	PI/2 BPSK	270	0		20.58			
100	QPSK	1	1		20.75		22.5	0.0
100	QPSK	1	137		20.86			
100	QPSK	1	271		20.72			
100	QPSK	135	0		20.82		22.5	0.0
100	QPSK	135	69		20.82			
100	QPSK	135	138		20.80			
100	QPSK	270	0		20.82		22.5	0.0
100	16QAM	1	1		20.76		22.5	0.0
100	64QAM	1	1		20.73		22.5	0.0
100	256QAM	1	1		20.73		21.5	1.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	20.68	20.69	20.79	22.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3499.98	3518		
80	QPSK	1	1	20.72	20.64	20.68	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.99		
70	QPSK	1	1	20.64	20.59	20.68	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.67	20.66	20.68	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.62	20.64	20.61	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.64	20.59	20.73	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.69	20.62	20.74	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	20.75	20.57	20.61	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3499.98	3540		
20	QPSK	1	1	20.75	20.66	20.62	22.5	0.0
Channel				630660	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3481.5	3499.98	3545.49		
15	QPSK	1	1	20.63	20.67	20.61	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3544.98		
10	QPSK	1	1	20.74	20.70	20.68	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.68	20.60	20.70	22.5	0.0
100	PI/2 BPSK	1	137	20.73	20.75	20.77		
100	PI/2 BPSK	1	271	20.67	20.70	20.68		
100	PI/2 BPSK	135	0	20.80	20.59	20.71	22.5	0.0
100	PI/2 BPSK	135	69	20.64	20.63	20.59	22.5	0.0
100	PI/2 BPSK	135	138	20.60	20.55	20.57	22.5	0.0
100	PI/2 BPSK	270	0	20.70	20.70	20.59		
100	QPSK	1	1	20.62	20.62	20.64	22.5	0.0
100	QPSK	1	137	20.86	20.92	20.82		
100	QPSK	1	271	20.62	20.67	20.74		
100	QPSK	135	0	20.73	20.67	20.69	22.5	0.0
100	QPSK	135	69	20.81	20.85	20.75		
100	QPSK	135	138	20.68	20.56	20.66		
100	QPSK	270	0	20.80	20.83	20.80	22.5	0.0
100	16QAM	1	1	20.71	20.66	20.64	22.5	0.0
100	64QAM	1	1	20.74	20.67	20.64	22.5	0.0
100	256QAM	1	1	20.63	20.52	20.67	21.5	1.0
Channel				630668	636000	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3924.98		
90	QPSK	1	1	20.62	20.68	20.73	22.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3935.99		
80	QPSK	1	1	20.68	20.69	20.65	22.5	0.0
Channel				646000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
70	QPSK	1	1	20.57	20.56	20.68	22.5	0.0
Channel				646668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840	3941.98		
60	QPSK	1	1	20.55	20.57	20.73	22.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
50	QPSK	1	1	20.66	20.57	20.68	22.5	0.0
Channel				646002	650000	653998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	20.66	20.65	20.70	22.5	0.0
Channel				645668	650000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3721.02	3840	3958.98		
30	QPSK	1	1	20.58	20.55	20.62	22.5	0.0
Channel				645336	650000	654664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.54	20.66	20.70	22.5	0.0
Channel				645334	650000	654666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.51	3840	3967.49		
20	QPSK	1	1	20.60	20.62	20.68	22.5	0.0
Channel				647998	650000	652002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.52	3840	3972.48		
15	QPSK	1	1	20.69	20.68	20.70	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.64	20.69	20.70	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.67		19.5	0.0
100	PI/2 BPSK	1	137		17.97			
100	PI/2 BPSK	1	271		17.84			
100	PI/2 BPSK	135	0		17.94		19.5	0.0
100	PI/2 BPSK	135	69		17.85		19.5	0.0
100	PI/2 BPSK	135	138		17.91		19.5	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	1		17.83		19.5	0.0
100	QPSK	1	137		17.98			
100	QPSK	1	271		17.86			
100	QPSK	135	0		17.76		19.5	0.0
100	QPSK	135	69		17.97			
100	QPSK	135	138		17.83			
100	QPSK	270	0		17.79		19.5	0.0
100	16QAM	1	1		17.94		19.5	0.0
100	64QAM	1	1		17.83		19.5	0.0
100	256QAM	1	1		17.85		18.5	1.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	17.66	17.72	17.73	19.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3499.98	3518		
80	QPSK	1	1	17.71	17.55	17.77	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.99		
70	QPSK	1	1	17.71	17.61	17.67	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.69	17.58	17.58	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.84	17.56	17.64	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.72	17.60	17.73	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.69	17.58	17.66	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	17.78	17.62	17.69	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3499.98	3540		
20	QPSK	1	1	17.75	17.69	17.59	19.5	0.0
Channel				630660	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3481.5	3499.98	3545.49		
15	QPSK	1	1	17.89	17.83	17.59	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3544.98		
10	QPSK	1	1	17.86	17.69	17.76	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.53	17.52	17.64	19.5	0.0
100	PI/2 BPSK	1	137	17.73	17.73	17.79		
100	PI/2 BPSK	1	271	17.71	17.71	17.66		
100	PI/2 BPSK	135	0	17.72	17.57	17.62	19.5	0.0
100	PI/2 BPSK	135	69	17.64	17.53	17.58	19.5	0.0
100	PI/2 BPSK	135	138	17.55	17.50	17.53		
100	PI/2 BPSK	270	0	17.70	17.71	17.50	19.5	0.0
100	QPSK	1	1	17.54	17.59	17.62	19.5	0.0
100	QPSK	1	137	17.80	17.77	17.85		
100	QPSK	1	271	17.79	17.72	17.85		
100	QPSK	135	0	17.65	17.67	17.66	19.5	0.0
100	QPSK	135	69	17.66	17.69	17.77		
100	QPSK	135	138	17.63	17.56	17.62		
100	QPSK	270	0	17.72	17.67	17.60	19.5	0.0
100	16QAM	1	1	17.75	17.63	17.68	19.5	0.0
100	64QAM	1	1	17.56	17.57	17.57	19.5	0.0
100	256QAM	1	1	17.54	17.52	17.61	18.5	1.0
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3924.98		
90	QPSK	1	1	17.69	17.70	17.73	19.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3935.99		
80	QPSK	1	1	17.70	17.69	17.74	19.5	0.0
Channel				646000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
70	QPSK	1	1	17.74	17.67	17.63	19.5	0.0
Channel				646668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840	3941.98		
60	QPSK	1	1	17.71	17.70	17.61	19.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
50	QPSK	1	1	17.78	17.72	17.77	19.5	0.0
Channel				646002	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	17.77	17.75	17.78	19.5	0.0
Channel				645668	650000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3721.02	3840	3958.98		
30	QPSK	1	1	17.78	17.68	17.76	19.5	0.0
Channel				645336	650000	654664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.75	17.68	17.80	19.5	0.0
Channel				645334	650000	654666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.51	3840	3967.49		
20	QPSK	1	1	17.69	17.73	17.78	19.5	0.0
Channel				647998	650000	652002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.52	3840	3972.48		
15	QPSK	1	1	17.71	17.67	17.82	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.72	17.74	17.77	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.90		20.5	0.0
100	PI/2 BPSK	1	137		18.86			
100	PI/2 BPSK	1	271		18.81			
100	PI/2 BPSK	135	0		18.99		20.5	0.0
100	PI/2 BPSK	135	69		18.79		20.5	0.0
100	PI/2 BPSK	135	138		18.90		20.5	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.00		20.5	0.0
100	QPSK	1	137		19.25			
100	QPSK	1	271		18.99			
100	QPSK	135	0		19.04		20.5	0.0
100	QPSK	135	69		19.21			
100	QPSK	135	138		18.87			
100	QPSK	270	0		19.16		20.5	0.0
100	16QAM	1	1		19.10		20.5	0.0
100	64QAM	1	1		19.16		20.5	0.0
100	256QAM	1	1		19.00		20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.99		
90	QPSK	1	1	19.08	19.14	19.07	20.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.92	19.02	18.86	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.93	19.01	18.82	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.84	19.03	18.85	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.83	19.01	18.90	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.82	19.02	18.89	20.5	0.0
Channel				631002	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
30	QPSK	1	1	18.85	18.98	18.90	20.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3547.48		
25	QPSK	1	1	18.89	19.00	18.93	20.5	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3550		
20	QPSK	1	1	18.92	19.03	18.86	20.5	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.5	3499.98	3562.48		
15	QPSK	1	1	18.91	18.90	18.92	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3425.01	3499.98	3564.98		
10	QPSK	1	1	18.88	19.00	18.96	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.45	19.82	19.79	21.5	0.0
100	PI/2 BPSK	1	137	19.58	19.79	19.70		
100	PI/2 BPSK	1	271	19.55	19.85	19.91		
100	PI/2 BPSK	135	0	19.84	19.84	19.75	21.5	0.0
100	PI/2 BPSK	135	69	19.67	19.72	19.66	21.5	0.0
100	PI/2 BPSK	135	138	19.49	19.89	19.63	21.5	0.0
100	PI/2 BPSK	270	0	19.83	19.82	19.85		
100	QPSK	1	1	19.68	19.94	19.78	21.5	0.0
100	QPSK	1	137	19.82	19.98	19.89		
100	QPSK	1	271	19.65	19.81	19.89		
100	QPSK	135	0	19.91	19.86	19.77	21.5	0.0
100	QPSK	135	69	19.81	19.94	19.85		
100	QPSK	135	138	19.75	19.76	19.85		
100	QPSK	270	0	19.86	19.90	19.78	21.5	0.0
100	16QAM	1	1	19.63	19.74	19.55	21.5	0.0
100	64QAM	1	1	19.46	19.62	19.65	21.5	0.0
100	256QAM	1	1	19.48	19.55	19.54	21.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.64	19.81	19.67	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.57	19.79	19.78	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.58	19.77	19.70	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.65	19.82	19.68	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.68	19.76	19.78	21.5	0.0
Channel				648002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.57	19.78	19.75	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.66	19.77	19.76	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.59	19.86	19.69	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.66	19.86	19.77	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.61	19.84	19.75	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.64	19.86	19.67	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.81		17.5	0.0
100	PI/2 BPSK	1	137		15.83			
100	PI/2 BPSK	1	271		15.82			
100	PI/2 BPSK	135	0		16.01		17.5	0.0
100	PI/2 BPSK	135	69		15.77		17.5	0.0
100	PI/2 BPSK	135	138		15.92		17.5	0.0
100	PI/2 BPSK	270	0		16.02			
100	QPSK	1	1		15.98		17.5	0.0
100	QPSK	1	137		16.10			
100	QPSK	1	271		15.93			
100	QPSK	135	0		16.05		17.5	0.0
100	QPSK	135	69		16.06			
100	QPSK	135	138		15.95			
100	QPSK	270	0		16.00		17.5	0.0
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.13		17.5	0.0
100	256QAM	1	1		16.05		17.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	15.82	15.83	15.92	17.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3499.98	3519	(dBm)	(dB)
80	QPSK	1	1	15.86	15.87	15.86	17.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	15.83	15.87	15.90	17.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.82	15.91	15.82	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.92	15.84	15.92	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.86	15.85	16.00	17.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.92	15.88	15.94	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.81	15.94	15.84	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3560	(dBm)	(dB)
20	QPSK	1	1	15.90	16.00	16.00	17.5	0.0
Channel				630660	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.00	15.85	15.89	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.01	15.95	15.84	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.68	17.01	16.90		
100	PI/2 BPSK	1	137	16.72	17.03	16.94	18.5	0.0
100	PI/2 BPSK	1	271	16.74	16.99	17.03		
100	PI/2 BPSK	135	0	17.03	17.02	16.89	18.5	0.0
100	PI/2 BPSK	135	69	16.80	16.93	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.73	17.06	16.83	18.5	0.0
100	PI/2 BPSK	270	0	16.99	17.00	16.97		
100	QPSK	1	1	16.84	16.99	16.98		
100	QPSK	1	137	16.86	17.07	17.13	18.5	0.0
100	QPSK	1	271	16.84	17.01	17.01		
100	QPSK	135	0	17.02	17.02	16.94		
100	QPSK	135	69	17.09	17.03	17.10	18.5	0.0
100	QPSK	135	138	16.88	16.95	16.99		
100	QPSK	270	0	17.08	17.01	17.13	18.5	0.0
100	16QAM	1	1	16.85	16.85	16.75	18.5	0.0
100	64QAM	1	1	16.66	16.80	16.79	18.5	0.0
100	256QAM	1	1	16.59	16.71	16.66	18.5	0.0
Channel				630668	636000	641332	Tune-up limit	MPR
Frequency (MHz)				3740.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.89	16.85	16.84	18.5	0.0
Channel				646334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.74	16.98	16.97	18.5	0.0
Channel				646000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.83	16.90	16.82	18.5	0.0
Channel				646668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.87	16.83	16.93	18.5	0.0
Channel				646334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.76	16.85	16.82	18.5	0.0
Channel				646000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.69	16.98	16.86	18.5	0.0
Channel				645668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.82	16.86	16.82	18.5	0.0
Channel				645334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	16.68	16.89	17.00	18.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.75	16.97	16.90	18.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.67	16.92	16.86	18.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.82	16.94	16.84	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.90		26.0	0.0
100	PI/2 BPSK	1	137		24.95			
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.56		25.5	0.5
100	PI/2 BPSK	135	69		24.53		26.0	0.0
100	PI/2 BPSK	135	138		24.43		25.5	0.5
100	PI/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.72		26.0	0.0
100	QPSK	1	137		24.97			
100	QPSK	1	271		24.93			
100	QPSK	135	0		24.04		26.0	0.0
100	QPSK	135	69		24.96			
100	QPSK	135	138		24.01			
100	QPSK	270	0		23.98		25.0	1.0
100	16QAM	1	1		23.78		25.0	1.0
100	64QAM	1	1		22.22		23.5	2.5
100	256QAM	1	1		20.11		21.5	4.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	24.59	24.67	23.66	25.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3499.98	3519	(dBm)	(dB)
80	QPSK	1	1	24.63	24.67	23.69	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	24.62	24.63	23.61	26.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.58	24.70	23.64	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.63	24.69	23.63	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.62	24.66	23.70	26.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.57	24.64	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.60	24.65	23.66	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3560	(dBm)	(dB)
20	QPSK	1	1	24.55	24.66	23.64	26.0	0.0
Channel				630660	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.54	24.65	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.55	24.68	23.70	26.0	0.0

Part27O_n77(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.95	24.80	25.00		
100	PI/2 BPSK	1	137	25.42	25.25	25.53	26.5	0.0
100	PI/2 BPSK	1	271	25.23	25.06	25.25		
100	PI/2 BPSK	135	0	24.56	24.45	24.67	26.0	0.5
100	PI/2 BPSK	135	69	25.34	25.21	25.40	26.5	0.0
100	PI/2 BPSK	135	138	25.07	24.93	25.16	26.0	0.5
100	PI/2 BPSK	270	0	25.03	24.90	25.09		
100	QPSK	1	1	25.38	25.25	25.49	26.5	0.0
100	QPSK	1	137	25.44	25.31	25.55		
100	QPSK	1	271	25.30	25.20	25.40		
100	QPSK	135	0	24.68	24.55	24.74	26.5	0.0
100	QPSK	135	69	25.36	25.28	25.53		
100	QPSK	135	138	24.66	24.53	24.76		
100	QPSK	270	0	24.42	24.27	24.55	25.5	1.0
100	16QAM	1	1	24.35	24.25	24.44	25.5	1.0
100	64QAM	1	1	22.95	22.79	23.06	24.0	2.5
100	256QAM	1	1	20.72	20.62	20.89	22.0	4.5
Channel				644668	656000	667332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	25.29	25.13	25.41	25.5	0.0
Channel				646334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	25.34	25.14	25.46	26.5	0.0
Channel				646000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	25.30	25.14	25.44	26.5	0.0
Channel				646668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	25.27	25.18	25.43	26.5	0.0
Channel				646334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	25.31	25.16	25.41	26.5	0.0
Channel				646000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	25.36	25.23	25.38	26.5	0.0
Channel				645668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	25.28	25.16	25.40	26.5	0.0
Channel				645334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	25.28	25.18	25.45	26.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	25.32	25.16	25.40	26.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	25.32	25.15	25.46	26.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	25.28	25.23	25.38	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.94		23.0	0.0
100	PI/2 BPSK	1	137		21.90			
100	PI/2 BPSK	1	271		21.95			
100	PI/2 BPSK	135	0		21.93		23.0	0.0
100	PI/2 BPSK	135	69		21.81		23.0	0.0
100	PI/2 BPSK	135	138		21.85		23.0	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		21.87		23.0	0.0
100	QPSK	1	137		21.97			
100	QPSK	1	271		21.85			
100	QPSK	135	0		21.89		23.0	0.0
100	QPSK	135	69		21.85			
100	QPSK	135	138		21.91			
100	QPSK	270	0		21.94		23.0	0.0
100	16QAM	1	1		21.80		23.0	0.0
100	64QAM	1	1		21.84		23.0	0.0
100	256QAM	1	1		20.11		21.5	1.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	21.83	21.95	21.78	23.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	21.80	21.91	21.82	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	21.84	21.88	21.80	23.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.83	21.86	21.79	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.82	21.88	21.78	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.87	21.89	21.77	23.0	0.0
Channel				631000	633332	635998	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.81	21.89	21.79	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.80	21.86	21.79	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.84	21.93	21.83	23.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465.0	3466.98	3565.49	(dBm)	(dB)
15	QPSK	1	1	21.84	21.91	21.83	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.83	21.90	21.78	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.22	22.05	22.34		
100	PI/2 BPSK	1	137	22.20	22.03	22.43	23.5	0.0
100	PI/2 BPSK	1	271	22.26	21.91	22.54		
100	PI/2 BPSK	135	0	22.18	21.92	22.37	23.5	0.0
100	PI/2 BPSK	135	69	22.13	22.12	22.41	23.5	0.0
100	PI/2 BPSK	135	138	22.20	22.13	22.41	23.5	0.0
100	PI/2 BPSK	270	0	22.24	21.97	22.48		
100	QPSK	1	1	22.19	22.08	22.55		
100	QPSK	1	137	22.19	22.23	22.57	23.5	0.0
100	QPSK	1	271	22.22	21.98	22.48		
100	QPSK	135	0	22.25	22.05	22.49		
100	QPSK	135	69	22.23	22.25	22.52	23.5	0.0
100	QPSK	135	138	22.19	22.01	22.41		
100	QPSK	270	0	22.14	22.14	22.51	23.5	0.0
100	16QAM	1	1	22.20	21.97	22.49	23.5	0.0
100	64QAM	1	1	22.16	22.04	22.38	23.5	0.0
100	256QAM	1	1	20.72	20.62	20.89	22.0	1.5
Channel				640668	640000	640332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.13	22.13	22.53	23.5	0.0
Channel				640334	640000	640666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.17	22.16	22.52	23.5	0.0
Channel				640000	640000	640000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.08	22.14	22.53	23.5	0.0
Channel				639668	639000	639332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.12	22.13	22.52	23.5	0.0
Channel				640334	639000	639666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.10	22.15	22.55	23.5	0.0
Channel				640668	639000	639332	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.17	22.20	22.50	23.5	0.0
Channel				641668	639000	638332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.11	22.13	22.55	23.5	0.0
Channel				641668	639000	638332	Tune-up limit	MPR
Frequency (MHz)				3717.5	3840	3957.5	(dBm)	(dB)
25	QPSK	1	1	22.17	22.19	22.51	23.5	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.16	22.14	22.48	23.5	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.14	22.13	22.46	23.5	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.17	22.12	22.47	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.45		22.0	0.0
100	PI/2 BPSK	135	69		20.46		22.0	0.0
100	PI/2 BPSK	135	138		20.41		22.0	0.0
100	PI/2 BPSK	270	0		20.35			
100	QPSK	1	1		20.45		22.0	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.51		22.0	0.0
100	QPSK	135	69		20.54			
100	QPSK	135	138		20.48			
100	QPSK	270	0		20.00		22.0	0.0
100	16QAM	1	1		20.54		22.0	0.0
100	64QAM	1	1		20.50		22.0	0.0
100	256QAM	1	1		20.37		22.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	20.32	20.34	20.44	22.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	20.19	20.09	20.28	22.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	20.12	20.22	20.27	22.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.11	20.15	20.25	22.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.16	20.10	20.21	22.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.16	20.10	20.32	22.0	0.0
Channel				631000	633332	635998	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.18	20.09	20.29	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.10	20.12	20.26	22.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.19	20.12	20.20	22.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465.0	3466.98	3565.49	(dBm)	(dB)
15	QPSK	1	1	20.08	20.18	20.25	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.09	20.17	20.21	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					636000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.83		22.0	0.0
100	PI/2 BPSK	1	137		20.79			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.70		22.0	0.0
100	PI/2 BPSK	135	69		20.85		22.0	0.0
100	PI/2 BPSK	135	138		20.68		22.0	0.0
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		20.77		22.0	0.0
100	QPSK	1	137		20.85			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.63		22.0	0.0
100	QPSK	135	69		20.81			
100	QPSK	135	138		20.74			
100	QPSK	270	0		20.78		22.0	0.0
100	16QAM	1	1		20.79		22.0	0.0
100	64QAM	1	1		20.78		22.0	0.0
100	256QAM	1	1		20.75		22.0	0.0
Channel				640668	640000	639332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.63	20.60	20.67	22.0	0.0
Channel				640334	640000	639666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.46	20.51	20.56	22.0	0.0
Channel				640000	640000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.53	20.52	20.51	22.0	0.0
Channel				639668	639000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.56	20.45	20.60	22.0	0.0
Channel				640334	639000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.54	20.44	20.51	22.0	0.0
Channel				640668	639000	652000	Tune-up limit	MPR
Frequency (MHz)				3725	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.50	20.54	20.47	22.0	0.0
Channel				641668	639000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.53	20.54	20.48	22.0	0.0
Channel				647000	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3717.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.49	20.42	20.58	22.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.55	20.40	20.59	22.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.54	20.49	20.49	22.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.54	20.44	20.56	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		17.53			
100	PI/2 BPSK	1	137		17.63		19.0	0.0
100	PI/2 BPSK	1	271		17.62			
100	PI/2 BPSK	135	0		17.51		19.0	0.0
100	PI/2 BPSK	135	69		17.52		19.0	0.0
100	PI/2 BPSK	135	138		17.52		19.0	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.59		19.0	0.0
100	QPSK	1	137		17.68			
100	QPSK	1	271		17.67			
100	QPSK	135	0		17.56		19.0	0.0
100	QPSK	135	69		17.62			
100	QPSK	135	138		17.61			
100	QPSK	270	0		17.56		19.0	0.0
100	16QAM	1	1		17.65		19.0	0.0
100	64QAM	1	1		17.52		19.0	0.0
100	256QAM	1	1		17.51		19.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.46	17.54	17.53	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3480	(dBm)	(dB)
80	QPSK	1	1	17.54	17.59	17.53	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3469.98	3484.98	(dBm)	(dB)
70	QPSK	1	1	17.50	17.48	17.70	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3440	3469.98	3514.99	(dBm)	(dB)
60	QPSK	1	1	17.59	17.55	17.52	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3415.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.42	17.50	17.58	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.53	17.48	17.53	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.57	17.55	17.59	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.48	17.65	17.69	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.55	17.50	17.55	19.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3427.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.48	17.66	17.60	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.43	17.48	17.64	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.90		19.0	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	271		17.64			
100	PI/2 BPSK	135	0		17.73		19.0	0.0
100	PI/2 BPSK	135	69		17.83		19.0	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.75		19.0	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.82			
100	QPSK	135	0		17.73		19.0	0.0
100	QPSK	135	69		17.87			
100	QPSK	135	138		17.71			
100	QPSK	270	0		17.82		19.0	0.0
100	16QAM	1	1		17.80		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.85		19.0	0.0
Channel				646666	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.73	17.75	17.77	19.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.62	17.66	17.67	19.0	0.0
Channel				646000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	17.66	17.75	17.78	19.0	0.0
Channel				646668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.63	17.62	17.67	19.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3730.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.76	17.65	17.59	19.0	0.0
Channel				646000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.65	17.72	17.62	19.0	0.0
Channel				645668	650000	654332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.64	17.78	17.78	19.0	0.0
Channel				645334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3712.51	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.58	17.58	17.74	19.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.77	17.78	17.64	19.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.71	17.72	17.74	19.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.68	17.64	17.66	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		20.66		22.5	0.0
100	PI/2 BPSK	1	137		20.73			
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.52		22.5	0.0
100	PI/2 BPSK	135	69		20.62		22.5	0.0
100	PI/2 BPSK	135	138		20.58		22.5	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.69		22.5	0.0
100	QPSK	1	137		20.82			
100	QPSK	1	271		20.76			
100	QPSK	135	0		20.64		22.5	0.0
100	QPSK	135	69		20.76			
100	QPSK	135	138		20.73			
100	QPSK	270	0		20.75		22.5	0.0
100	16QAM	1	1		20.71		22.5	0.0
100	64QAM	1	1		20.51		22.5	0.0
100	256QAM	1	1		20.58		22.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.68	20.72	20.73	22.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.54	20.61	20.60	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.54	20.54	20.55	22.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3440	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.56	20.53	20.59	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3415.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.56	20.58	20.58	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.55	20.57	20.57	22.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.55	20.57	20.53	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.51	20.57	20.62	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.55	20.66	20.59	22.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3427.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.56	20.59	20.50	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.55	20.63	20.54	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.57		22.5	0.0
100	PI/2 BPSK	1	137		20.72			
100	PI/2 BPSK	1	271		20.67			
100	PI/2 BPSK	135	0		20.71		22.5	0.0
100	PI/2 BPSK	135	69		20.54		22.5	0.0
100	PI/2 BPSK	135	138		20.77		22.5	0.0
100	PI/2 BPSK	270	0		20.83			
100	QPSK	1	1		20.69		22.5	0.0
100	QPSK	1	137		20.90			
100	QPSK	1	271		20.81			
100	QPSK	135	0		20.74		22.5	0.0
100	QPSK	135	69		20.86			
100	QPSK	135	138		20.81			
100	QPSK	270	0		20.81		22.5	0.0
100	16QAM	1	1		20.78		22.5	0.0
100	64QAM	1	1		20.73		22.5	0.0
100	256QAM	1	1		20.75		22.5	0.0
Channel				646668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.72	20.72	20.69	22.5	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.56	20.59	20.55	22.5	0.0
Channel				646000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	20.60	20.53	20.62	22.5	0.0
Channel				645668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.60	20.49	20.48	22.5	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3730.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.55	20.51	20.55	22.5	0.0
Channel				646000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.56	20.61	20.51	22.5	0.0
Channel				645668	650000	654332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.57	20.52	20.56	22.5	0.0
Channel				645334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3712.51	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.55	20.61	20.53	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.50	20.57	20.55	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.60	20.60	20.56	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.63	20.59	20.50	22.5	0.0

Part27Q n78_PC3_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.87		19.5	0.0
100	PI/2 BPSK	1	137		17.84			
100	PI/2 BPSK	1	271		17.82			
100	PI/2 BPSK	135	0		17.80		19.5	0.0
100	PI/2 BPSK	135	69		17.76		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.5	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.89		19.5	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.89			
100	QPSK	135	0		17.73		19.5	0.0
100	QPSK	135	69		17.83			
100	QPSK	135	138		17.78			
100	QPSK	270	0		17.74		19.5	0.0
100	16QAM	1	1		17.80		19.5	0.0
100	64QAM	1	1		17.59		19.5	0.0
100	256QAM	1	1		17.51		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.73	17.80	17.73	19.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3510		
80	QPSK	1	1	17.79	17.82	17.74	19.5	0.0
Channel				632324	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.04	3499.98	3514.98		
70	QPSK	1	1	17.81	17.87	17.82	19.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.78	17.84	17.75	19.5	0.0
Channel				631665	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.75	17.84	17.78	19.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.79	17.85	17.80	19.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.99		
30	QPSK	1	1	17.76	17.88	17.76	19.5	0.0
Channel				630668	633332	635932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.81	17.88	17.73	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3540		
20	QPSK	1	1	17.82	17.86	17.73	19.5	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.82	17.84	17.82	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.80	17.83	17.74	19.5	0.0

Part27O n78_PC3_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.50		19.5	0.0
100	PI/2 BPSK	1	137		17.75			
100	PI/2 BPSK	1	271		17.60			
100	PI/2 BPSK	135	0		17.74		19.5	0.0
100	PI/2 BPSK	135	69		17.52		19.5	0.0
100	PI/2 BPSK	135	138		17.61		19.5	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.65		19.5	0.0
100	QPSK	1	137		17.82			
100	QPSK	1	271		17.76			
100	QPSK	135	0		17.68		19.5	0.0
100	QPSK	135	69		17.81			
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.78		19.5	0.0
100	16QAM	1	1		17.80		19.5	0.0
100	64QAM	1	1		17.78		19.5	0.0
100	256QAM	1	1		17.60		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.66	17.74	17.69	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.68	17.76	17.64	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780		
70	QPSK	1	1	17.75	17.79	17.65	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.69	17.72	17.72	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.75	17.79	17.65	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.72	17.75	17.66	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.68	17.74	17.73	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.70	17.75	17.70	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.75	17.80	17.71	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.72	17.78	17.68	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.72	17.71	17.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.89		20.5	0.0
100	PI/2 BPSK	1	137		19.07			
100	PI/2 BPSK	1	271		19.12			
100	PI/2 BPSK	135	0		19.03		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		18.95		20.5	0.0
100	PI/2 BPSK	270	0		18.83			
100	QPSK	1	1		19.11		20.5	0.0
100	QPSK	1	137		19.22			
100	QPSK	1	271		19.18			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.17			
100	QPSK	135	138		19.04			
100	QPSK	270	0		19.13		20.5	0.0
100	16QAM	1	1		19.08		20.5	0.0
100	64QAM	1	1		19.11		20.5	0.0
100	256QAM	1	1		19.07		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.11	19.04	19.08	20.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3499.02	3499.98	3510		
80	QPSK	1	1	18.90	18.91	18.92	20.5	0.0
Channel				633324	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3497.01	3499.98	3514.98		
70	QPSK	1	1	19.00	18.92	18.93	20.5	0.0
Channel				633000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3519.99		
60	QPSK	1	1	18.99	18.85	18.94	20.5	0.0
Channel				631665	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.87	18.81	18.88	20.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.90	18.89	18.95	20.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.97	18.93	18.97	20.5	0.0
Channel				630668	633332	635932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.87	18.89	18.88	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3540		
20	QPSK	1	1	18.94	18.79	18.91	20.5	0.0
Channel				630009	633332	636195	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.87	18.90	18.87	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.94	18.90	18.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.43		21.0	0.0
100	PI/2 BPSK	1	137		19.67			
100	PI/2 BPSK	1	271		19.70			
100	PI/2 BPSK	135	0		19.62		21.0	0.0
100	PI/2 BPSK	135	69		19.59		21.0	0.0
100	PI/2 BPSK	135	138		19.54		21.0	0.0
100	PI/2 BPSK	270	0		19.36			
100	QPSK	1	1		19.68		21.0	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.63			
100	QPSK	135	0		19.58		21.0	0.0
100	QPSK	135	69		19.73			
100	QPSK	135	138		19.63			
100	QPSK	270	0		19.70		21.0	0.0
100	16QAM	1	1		19.55		21.0	0.0
100	64QAM	1	1		19.62		21.0	0.0
100	256QAM	1	1		19.61		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3753	3754.98		
90	QPSK	1	1	19.38	19.53	19.66	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3753	3759.99		
80	QPSK	1	1	19.46	19.41	19.65	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732	3753	3783		
70	QPSK	1	1	19.43	19.47	19.54	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3753	3789.98		
60	QPSK	1	1	19.43	19.42	19.59	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3753	3774.99		
50	QPSK	1	1	19.55	19.41	19.65	21.0	0.0
Channel				648010	650000	652010	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3753	3780		
40	QPSK	1	1	19.48	19.41	19.55	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3753	3784.98		
30	QPSK	1	1	19.46	19.52	19.58	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3753	3787.5		
25	QPSK	1	1	19.48	19.48	19.59	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3753	3789.99		
20	QPSK	1	1	19.54	19.48	19.62	21.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3753	3792.48		
15	QPSK	1	1	19.52	19.46	19.60	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3753	3795		
10	QPSK	1	1	19.51	19.38	19.56	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		15.92		17.5	0.0
100	PI/2 BPSK	1	137		16.11			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		15.98		17.5	0.0
100	PI/2 BPSK	135	69		16.05		17.5	0.0
100	PI/2 BPSK	135	138		15.96		17.5	0.0
100	PI/2 BPSK	270	0		15.87			
100	QPSK	1	1		16.08		17.5	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.13			
100	QPSK	135	0		15.98		17.5	0.0
100	QPSK	135	69		16.12			
100	QPSK	135	138		15.95			
100	QPSK	270	0		16.10		17.5	0.0
100	16QAM	1	1		15.99		17.5	0.0
100	64QAM	1	1		16.13		17.5	0.0
100	256QAM	1	1		16.05		17.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3474.99	(dBm)	(dB)
90	QPSK	1	1	15.97	16.13	15.99	17.5	0.0
	Channel			632666	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3519	(dBm)	(dB)
80	QPSK	1	1	15.83	16.09	15.89	17.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.79	16.08	15.93	17.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3449	3469.98	3510.99	(dBm)	(dB)
60	QPSK	1	1	15.81	16.13	15.94	17.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.95	15.93	15.93	17.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.91	16.07	15.81	17.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.85	15.93	15.85	17.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.87	16.05	15.80	17.5	0.0
	Channel			630666	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.85	16.03	15.82	17.5	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3447.5	3469.98	3542.48	(dBm)	(dB)
15	QPSK	1	1	15.82	16.13	15.92	17.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.93	15.99	15.86	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		16.27		18.0	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.57			
100	PI/2 BPSK	135	0		16.45		18.0	0.0
100	PI/2 BPSK	135	69		16.45		18.0	0.0
100	PI/2 BPSK	135	138		16.28		18.0	0.0
100	PI/2 BPSK	270	0		16.27			
100	QPSK	1	1		16.58		18.0	0.0
100	QPSK	1	137		16.63			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.36		18.0	0.0
100	QPSK	135	69		16.60			
100	QPSK	135	138		16.44			
100	QPSK	270	0		16.42		18.0	0.0
100	16QAM	1	1		16.37		18.0	0.0
100	64QAM	1	1		16.50		18.0	0.0
100	256QAM	1	1		16.44		18.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3749.82	3750	3750.18	(dBm)	(dB)
90	QPSK	1	1	16.47	16.56	16.52	18.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	16.43	16.39	16.49	18.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3746	3750	3754	(dBm)	(dB)
70	QPSK	1	1	16.54	16.47	16.38	18.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.45	16.50	16.42	18.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.58	16.41	16.58	18.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.53	16.51	16.53	18.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3710.02	3750	3789.98	(dBm)	(dB)
30	QPSK	1	1	16.49	16.44	16.49	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	16.40	16.38	16.43	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.56	16.56	16.48	18.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	16.48	16.53	16.54	18.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.50	16.45	16.51	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		25.60		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.36		26.5	0.5
100	PI/2 BPSK	135	69		25.61		27.0	0.0
100	PI/2 BPSK	135	138		25.44		26.5	0.5
100	PI/2 BPSK	270	0		25.42			
100	QPSK	1	1		25.61		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.58			
100	QPSK	135	0		25.61		27.0	0.0
100	QPSK	135	69		25.60			
100	QPSK	135	138		25.15			
100	QPSK	270	0		24.70		26.0	1.0
100	16QAM	1	1		24.75		26.0	1.0
100	64QAM	1	1		23.45		24.5	2.5
100	256QAM	1	1		21.42		22.5	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3474.99	(dBm)	(dB)
90	QPSK	1	1	25.49	25.53	24.59	27.0	0.0
	Channel			632666	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3519	(dBm)	(dB)
80	QPSK	1	1	25.44	25.58	24.56	27.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.46	25.53	24.56	27.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3449	3469.98	3510.99	(dBm)	(dB)
60	QPSK	1	1	25.44	25.56	24.51	27.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.47	25.52	24.52	27.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.47	25.54	24.55	27.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.51	25.54	24.54	27.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.45	25.58	24.53	27.0	0.0
	Channel			630666	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.47	25.50	24.51	27.0	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3447.5	3469.98	3542.48	(dBm)	(dB)
15	QPSK	1	1	25.47	25.53	24.57	27.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.45	25.55	24.52	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.82		27.5	0.0
100	PI/2 BPSK	1	137		25.79			
100	PI/2 BPSK	1	271		25.77			
100	PI/2 BPSK	135	0		25.87		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.86		27.0	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.00		27.5	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		26.01			
100	QPSK	135	0		25.61		27.5	0.0
100	QPSK	135	69		26.08			
100	QPSK	135	138		25.57			
100	QPSK	270	0		25.54		26.5	1.0
100	16QAM	1	1		25.51		26.5	1.0
100	64QAM	1	1		24.23		25.0	2.5
100	256QAM	1	1		22.13		23.0	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3749.82	3750	3750.18	(dBm)	(dB)
90	QPSK	1	1	25.91	25.97	24.92	27.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	25.90	25.95	24.80	27.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3746	3750	3754	(dBm)	(dB)
70	QPSK	1	1	25.83	25.93	24.89	27.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.84	25.89	24.96	27.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.83	25.96	24.97	27.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.91	25.93	24.91	27.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3710.02	3750	3789.98	(dBm)	(dB)
30	QPSK	1	1	25.86	25.94	24.90	27.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.83	25.89	24.96	27.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.82	25.93	24.94	27.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.87	25.97	24.96	27.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.88	25.89	24.92	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.37		24.0	0.0
100	PI/2 BPSK	1	137		22.21			
100	PI/2 BPSK	1	271		22.29			
100	PI/2 BPSK	135	0		22.27		24.0	0.0
100	PI/2 BPSK	135	69		22.28		24.0	0.0
100	PI/2 BPSK	135	138		22.28		24.0	0.0
100	PI/2 BPSK	270	0		22.25			
100	QPSK	1	1		22.56		24.0	0.0
100	QPSK	1	137		22.59			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.41		24.0	0.0
100	QPSK	135	69		22.52			
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.48		24.0	0.0
100	16QAM	1	1		22.33		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.42		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.42	22.50	22.47	24.0	0.0
Channel				632068	633332	634600	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
80	QPSK	1	1	22.50	22.48	22.44	24.0	0.0
Channel				632134	633332	634532	Tune-up limit	MPR
Frequency (MHz)				3460.61	3499.98	3539.38	(dBm)	(dB)
70	QPSK	1	1	22.50	22.51	22.39	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3539.98	(dBm)	(dB)
60	QPSK	1	1	22.45	22.52	22.43	24.0	0.0
Channel				631868	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.43	22.52	22.42	24.0	0.0
Channel				631734	633332	634932	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.49	22.53	22.40	24.0	0.0
Channel				631600	633332	635064	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.49	22.52	22.44	24.0	0.0
Channel				630934	633332	635732	Tune-up limit	MPR
Frequency (MHz)				3455.51	3499.98	3537.49	(dBm)	(dB)
25	QPSK	1	1	22.51	22.50	22.41	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3542	(dBm)	(dB)
20	QPSK	1	1	22.43	22.54	22.47	24.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3437.5	3499.98	3547.49	(dBm)	(dB)
15	QPSK	1	1	22.42	22.53	22.39	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3430.01	3499.98	3564.98	(dBm)	(dB)
10	QPSK	1	1	22.42	22.55	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.94		24.5	0.0
100	PI/2 BPSK	1	137		22.90			
100	PI/2 BPSK	1	271		22.88			
100	PI/2 BPSK	135	0		22.99		24.5	0.0
100	PI/2 BPSK	135	69		22.80		24.5	0.0
100	PI/2 BPSK	135	138		22.86		24.5	0.0
100	PI/2 BPSK	270	0		22.89			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		22.93			
100	QPSK	135	0		22.94		24.5	0.0
100	QPSK	135	69		22.96			
100	QPSK	135	138		22.94			
100	QPSK	270	0		22.95		24.5	0.0
100	16QAM	1	1		22.84		24.5	0.0
100	64QAM	1	1		22.96		24.5	0.0
100	256QAM	1	1		22.13		23.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3742.01	3750	3757.99	(dBm)	(dB)
80	QPSK	1	1	22.95	22.95	22.87	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3739	3750	3761	(dBm)	(dB)
70	QPSK	1	1	22.88	22.96	22.89	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3750	3765.02	(dBm)	(dB)
60	QPSK	1	1	22.92	22.96	22.91	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3735.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				648032	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.95	22.97	22.84	24.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	22.84	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.87	23.00	22.87	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.94	23.01	22.85	24.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.95	22.93	22.83	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.97	22.92	24.5	0.0

Reduced Power for DSI 1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.05	23.02	25.0	0.0
20	PI/2 BPSK	1	53	23.05	23.03	23.14		
20	PI/2 BPSK	1	104	23.08	23.07	23.08		
20	PI/2 BPSK	50	0	23.05	23.04	23.11	25.0	0.0
20	PI/2 BPSK	50	28	23.12	23.03	23.06	25.0	0.0
20	PI/2 BPSK	50	56	23.14	23.05	23.05	25.0	0.0
20	PI/2 BPSK	100	0	23.10	23.19	23.13		
20	QPSK	1	1	23.17	23.20	23.15		
20	QPSK	1	53	23.02	23.14	23.10	25.0	0.0
20	QPSK	1	104	23.08	23.09	23.10		
20	QPSK	50	0	22.58	22.58	22.51	24.5	0.5
20	QPSK	50	28	23.05	23.10	23.03	25.0	0.0
20	QPSK	50	56	22.76	22.59	22.67	24.5	0.5
20	QPSK	100	0	22.69	22.77	22.68		
20	16QAM	1	1	22.79	22.78	22.75	24.5	0.5
20	64QAM	1	1	21.26	21.40	21.38	23.0	2.0
20	256QAM	1	1	19.20	19.41	19.29	21.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.05	23.14	23.11	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.09	23.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.15	23.18	23.09	25.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.08	21.28	21.27	23.0	0.0
50	PI/2 BPSK	1	135	21.29	21.35	21.22		
50	PI/2 BPSK	1	268	21.11	21.18	21.12		
50	PI/2 BPSK	135	0	21.20	21.31	21.31	23.0	0.0
50	PI/2 BPSK	135	68	21.11	21.30	21.17	23.0	0.0
50	PI/2 BPSK	135	135	21.21	21.30	21.20	23.0	0.0
50	PI/2 BPSK	270	0	21.16	21.17	21.10		
50	QPSK	1	1	21.27	21.42	21.33	23.0	0.0
50	QPSK	1	135	21.21	21.38	21.27		
50	QPSK	1	268	21.17	21.36	21.25		
50	QPSK	135	0	21.19	21.32	21.14	23.0	0.0
50	QPSK	135	68	21.32	21.40	21.28	23.0	0.0
50	QPSK	135	135	21.20	21.34	21.18	23.0	0.0
50	QPSK	270	0	21.16	21.22	21.15		
50	16QAM	1	1	21.08	21.17	21.07	23.0	0.0
50	64QAM	1	1	20.03	20.23	20.19	22.0	1.0
50	256QAM	1	1	18.31	18.50	18.30	20.0	3.0
Channel				504600	507000	509400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.27	21.33	21.16	23.0	0.0
Channel				504200	507000	511800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.24	21.22	21.25	23.0	0.0
Channel				504200	507000	511800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.09	21.35	21.21	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.08	21.35	21.26	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.15	21.37	21.17	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.23	21.38	21.21	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.21	21.24	21.26	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.25	20.28	20.32	21.5	0.0
50	PI/2 BPSK	1	135	20.27	20.39	20.40		
50	PI/2 BPSK	1	268	20.34	20.32	20.39		
50	PI/2 BPSK	135	0	20.37	20.42	20.30	21.5	0.0
50	PI/2 BPSK	135	68	20.34	20.34	20.32	21.5	0.0
50	PI/2 BPSK	135	135	20.39	20.28	20.42	21.5	0.0
50	PI/2 BPSK	270	0	20.25	20.33	20.38		
50	QPSK	1	1	20.41	20.49	20.48	21.5	0.0
50	QPSK	1	135	20.28	20.33	20.47		
50	QPSK	1	268	20.28	20.38	20.45		
50	QPSK	135	0	20.29	20.28	20.39	21.5	0.0
50	QPSK	135	68	20.39	20.48	20.43	21.5	0.0
50	QPSK	135	135	20.30	20.36	20.40	21.5	0.0
50	QPSK	270	0	20.34	20.36	20.30		
50	16QAM	1	1	20.31	20.42	20.38	21.5	0.0
50	64QAM	1	1	20.38	20.35	20.32	21.5	0.0
50	256QAM	1	1	19.77	19.86	19.90	21.0	0.5
Channel				504600	507000	509400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.30	20.33	20.43	21.5	0.0
Channel				504200	507000	511800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.30	20.45	20.34	21.5	0.0
Channel				504200	507000	511800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.38	20.38	20.42	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.38	20.45	20.34	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.34	20.47	20.37	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.38	20.34	20.45	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.40	20.39	20.37	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.12	20.36	20.19		
50	PI/2 BPSK	1	135	20.15	20.44	20.10	22.0	0.0
50	PI/2 BPSK	1	268	20.14	20.37	20.09		
50	PI/2 BPSK	135	0	20.24	20.42	20.13	22.0	0.0
50	PI/2 BPSK	135	68	20.22	20.41	20.14	22.0	0.0
50	PI/2 BPSK	135	135	20.12	20.44	20.11	22.0	0.0
50	PI/2 BPSK	270	0	20.24	20.34	20.08		
50	QPSK	1	1	20.38	20.48	20.32		
50	QPSK	1	135	20.29	20.44	20.17	22.0	0.0
50	QPSK	1	268	20.34	20.39	20.26		
50	QPSK	135	0	20.22	20.36	20.17	22.0	0.0
50	QPSK	135	68	20.25	20.46	20.23	22.0	0.0
50	QPSK	135	135	20.22	20.42	20.21	22.0	0.0
50	QPSK	270	0	20.13	20.41	20.17		
50	16QAM	1	1	20.20	20.43	20.09	22.0	0.0
50	64QAM	1	1	20.22	20.33	20.09	22.0	0.0
50	256QAM	1	1	18.20	18.37	18.12	20.0	2.0
Channel				504500	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	20.27	20.38	20.23	22.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.29	20.43	20.31	22.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.28	20.35	20.30	22.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	20.37	20.40	20.28	22.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.33	20.43	20.31	22.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.27	20.43	20.27	22.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.33	20.34	20.24	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.16	21.25	21.12		
50	PI/2 BPSK	1	135	21.17	21.19	21.16	22.5	0.0
50	PI/2 BPSK	1	268	21.13	21.28	21.09		
50	PI/2 BPSK	135	0	21.12	21.19	21.18	22.5	0.0
50	PI/2 BPSK	135	68	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	135	135	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	270	0	21.24	21.30	21.09		
50	QPSK	1	1	21.35	21.39	21.33		
50	QPSK	1	135	21.22	21.35	21.21	22.5	0.0
50	QPSK	1	268	21.23	21.28	21.19		
50	QPSK	135	0	21.15	21.18	21.13	22.5	0.0
50	QPSK	135	68	21.26	21.32	21.23	22.5	0.0
50	QPSK	135	135	21.18	21.20	21.09	22.5	0.0
50	QPSK	270	0	21.18	21.19	21.08		
50	16QAM	1	1	21.24	21.24	21.11	22.5	0.0
50	64QAM	1	1	21.22	21.19	21.17	22.5	0.0
50	256QAM	1	1	19.74	19.76	19.63	21.0	1.5
Channel				504500	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	21.20	21.29	21.25	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	21.32	21.25	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	21.29	21.27	21.26	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	21.28	21.32	21.22	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.26	21.37	21.23	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.30	21.32	21.27	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.29	21.36	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.12	19.10	19.15		
40	PI/2 BPSK	1	108	19.23	19.04	19.10	21.0	0.0
40	PI/2 BPSK	1	214	19.19	19.09	19.12		
40	PI/2 BPSK	108	0	19.04	19.03	19.03	21.0	0.0
40	PI/2 BPSK	108	54	19.18	19.10	19.11	21.0	0.0
40	PI/2 BPSK	108	108	19.19	19.00	19.15	21.0	0.0
40	PI/2 BPSK	216	0	19.17	19.06	19.26		
40	QPSK	1	1	19.27	19.30	19.28		
40	QPSK	1	108	19.06	19.03	19.22	21.0	0.0
40	QPSK	1	214	19.22	19.08	19.08		
40	QPSK	108	0	19.11	19.04	19.10	21.0	0.0
40	QPSK	108	54	19.14	19.17	19.16	21.0	0.0
40	QPSK	108	108	19.01	19.00	19.12	21.0	0.0
40	QPSK	216	0	19.10	19.16	19.15		
40	16QAM	1	1	19.08	19.00	19.08	21.0	0.0
40	64QAM	1	1	19.00	19.02	19.08	21.0	0.0
40	256QAM	1	1	17.74	17.72	17.64	19.5	1.5
Channel				345500	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.20	19.10	19.24	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	19.25	19.14	19.29	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	19.25	19.10	19.27	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	19.09	19.16	19.20	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.25	19.26	19.33	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	19.09	19.19	19.28	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.31	21.46	21.41		
40	PI/2 BPSK	1	108	21.42	21.54	21.51	22.5	0.0
40	PI/2 BPSK	1	214	21.27	21.38	21.28		
40	PI/2 BPSK	108	0	21.46	21.50	21.39	22.5	0.0
40	PI/2 BPSK	108	54	21.36	21.36	21.46	22.5	0.0
40	PI/2 BPSK	108	108	21.35	21.38	21.35	22.5	0.0
40	PI/2 BPSK	216	0	21.48	21.54	21.50		
40	QPSK	1	1	21.49	21.55	21.46		
40	QPSK	1	108	21.38	21.43	21.38	22.5	0.0
40	QPSK	1	214	21.33	21.23	21.37		
40	QPSK	108	0	21.46	21.51	21.42	22.5	0.0
40	QPSK	108	54	21.52	21.54	21.48	22.5	0.0
40	QPSK	108	108	21.29	21.33	21.31	22.5	0.0
40	QPSK	216	0	21.50	21.51	21.47		
40	16QAM	1	1	21.06	21.14	21.12	22.5	0.0
40	64QAM	1	1	21.23	21.32	21.14	22.5	0.0
40	256QAM	1	1	21.50	21.51	21.35	21.0	1.5
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.25	21.33	21.22	22.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.26	21.32	21.18	22.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.18	21.31	21.22	22.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.20	21.25	21.15	22.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.18	21.26	21.23	22.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.19	21.27	21.24	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	19.38	19.49	19.19		
40	Pi/2 BPSK	1	108	19.38	19.51	19.14	21.0	0.0
40	Pi/2 BPSK	1	214	19.27	19.47	19.14		
40	Pi/2 BPSK	108	0	19.30	19.42	19.14	21.0	0.0
40	Pi/2 BPSK	108	54	19.39	19.44	19.14	21.0	0.0
40	Pi/2 BPSK	108	108	19.32	19.42	19.12	21.0	0.0
40	Pi/2 BPSK	216	0	19.34	19.49	19.20		
40	QPSK	1	1	19.51	19.55	19.35		
40	QPSK	1	108	19.38	19.54	19.27	21.0	0.0
40	QPSK	1	214	19.42	19.43	19.31		
40	QPSK	108	0	19.40	19.41	19.14	21.0	0.0
40	QPSK	108	54	19.50	19.50	19.28	21.0	0.0
40	QPSK	108	108	19.30	19.41	19.24	21.0	0.0
40	QPSK	216	0	19.28	19.44	19.20		
40	16QAM	1	1	19.41	19.44	19.12	21.0	0.0
40	64QAM	1	1	19.29	19.48	19.12	21.0	0.0
40	256QAM	1	1	18.81	18.94	18.70	20.5	0.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.48	19.54	19.30	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	19.45	19.50	19.33	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	19.46	19.49	19.34	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	19.38	19.41	19.34	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.40	19.49	19.23	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	19.37	19.46	19.25	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	19.60	19.80	19.72		
40	Pi/2 BPSK	1	108	19.71	19.82	19.60	21.5	0.0
40	Pi/2 BPSK	1	214	19.69	19.78	19.67		
40	Pi/2 BPSK	108	0	19.64	19.81	19.68	21.5	0.0
40	Pi/2 BPSK	108	54	19.69	19.78	19.69	21.5	0.0
40	Pi/2 BPSK	108	108	19.59	19.84	19.60	21.5	0.0
40	Pi/2 BPSK	216	0	19.74	19.95	19.72		
40	QPSK	1	1	19.80	20.01	19.85		
40	QPSK	1	108	19.65	19.99	19.71	21.5	0.0
40	QPSK	1	214	19.77	19.87	19.74		
40	QPSK	108	0	19.59	19.78	19.65	21.5	0.0
40	QPSK	108	54	19.74	19.91	19.74	21.5	0.0
40	QPSK	108	108	19.66	19.80	19.64	21.5	0.0
40	QPSK	216	0	19.73	19.80	19.72		
40	16QAM	1	1	19.69	19.78	19.64	21.5	0.0
40	64QAM	1	1	19.21	19.27	19.17	21.0	0.5
40	256QAM	1	1	17.10	17.29	17.22	19.0	2.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.76	19.92	19.78	21.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	19.71	19.94	19.81	21.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	19.73	19.98	19.82	21.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	19.78	19.94	19.74	21.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.75	19.99	19.76	21.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	19.77	19.97	19.74	21.5	0.0

n66_Ant 3 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.68	21.59	21.61		
40	Pi/2 BPSK	1	108	21.72	21.75	21.68	23.5	0.0
40	Pi/2 BPSK	1	214	21.64	21.63	21.63		
40	Pi/2 BPSK	108	0	21.52	21.60	21.61	23.5	0.0
40	Pi/2 BPSK	108	54	21.63	21.67	21.56	23.5	0.0
40	Pi/2 BPSK	108	108	21.60	21.58	21.60	23.5	0.0
40	Pi/2 BPSK	216	0	21.49	21.52	21.56		
40	QPSK	1	1	21.72	21.88	21.76		
40	QPSK	1	108	21.43	21.68	21.52	23.5	0.0
40	QPSK	1	214	21.50	21.67	21.75		
40	QPSK	108	0	21.62	21.59	21.73	23.5	0.0
40	QPSK	108	54	21.67	21.67	21.85	23.5	0.0
40	QPSK	108	108	21.64	21.66	21.52	23.5	0.0
40	QPSK	216	0	21.76	21.85	21.81		
40	16QAM	1	1	21.44	21.63	21.54	23.5	0.0
40	64QAM	1	1	20.93	21.19	21.10	23.0	0.5
40	256QAM	1	1	19.44	19.59	19.60	21.0	2.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.61	21.86	21.69	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.70	21.77	21.72	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.61	21.80	21.69	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.68	21.81	21.72	23.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.61	21.86	21.68	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.69	21.77	21.71	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.22	19.34	19.32	21.0	0.0
40	PI/2 BPSK	1	53	19.30	19.32	19.25		
40	PI/2 BPSK	1	104	19.23	19.31	19.24		
40	PI/2 BPSK	50	0	19.26	19.32	19.25	21.0	0.0
40	PI/2 BPSK	50	28	19.29	19.34	19.25	21.0	0.0
40	PI/2 BPSK	50	56	19.26	19.33	19.26	21.0	0.0
40	PI/2 BPSK	100	0	19.26	19.40	19.30		
40	QPSK	1	1	19.32	19.44	19.43	21.0	0.0
40	QPSK	1	53	19.28	19.38	19.26		
40	QPSK	1	104	19.24	19.33	19.25		
40	QPSK	50	0	19.32	19.35	19.23	21.0	0.0
40	QPSK	50	28	19.35	19.36	19.26		
40	QPSK	50	56	19.30	19.34	19.15		
40	QPSK	100	0	19.22	19.29	19.23	21.0	0.0
40	16QAM	1	1	19.28	19.40	19.25	21.0	0.0
40	64QAM	1	1	19.28	19.34	19.26	21.0	0.0
40	256QAM	1	1	19.16	19.33	19.22	20.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.28	19.41	19.37	21.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.29	19.42	19.38	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.27	19.41	19.32	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.25	19.37	19.41	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.24	19.35	19.39	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.63	18.79	18.79	20.2	0.0
40	PI/2 BPSK	1	53	18.67	18.89	18.83		
40	PI/2 BPSK	1	104	18.70	18.90	18.89		
40	PI/2 BPSK	50	0	18.65	18.79	18.84	20.2	0.0
40	PI/2 BPSK	50	28	18.67	18.82	18.82	20.2	0.0
40	PI/2 BPSK	50	56	18.72	18.92	18.77	20.2	0.0
40	PI/2 BPSK	100	0	18.71	18.86	18.82		
40	QPSK	1	1	18.92	18.98	18.93	20.2	0.0
40	QPSK	1	53	18.70	18.91	18.87		
40	QPSK	1	104	18.62	18.98	18.82		
40	QPSK	50	0	18.77	18.90	18.78	20.2	0.0
40	QPSK	50	28	18.76	18.94	18.90		
40	QPSK	50	56	18.67	18.89	18.88		
40	QPSK	100	0	18.68	18.91	18.85	20.2	0.0
40	16QAM	1	1	18.72	18.83	18.79	20.2	0.0
40	64QAM	1	1	18.69	18.88	18.85	20.2	0.0
40	256QAM	1	1	18.72	18.86	18.75	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.77	18.99	18.89	20.2	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.79	18.89	18.84	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.88	18.89	18.86	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.79	18.89	18.89	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.89	19.00	18.82	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.65	19.78	19.60	21.5	0.0
40	PI/2 BPSK	1	53	19.69	19.70	19.60		
40	PI/2 BPSK	1	104	19.69	19.73	19.51		
40	PI/2 BPSK	50	0	19.68	19.82	19.60	21.5	0.0
40	PI/2 BPSK	50	28	19.71	19.74	19.53	21.5	0.0
40	PI/2 BPSK	50	56	19.68	19.69	19.55	21.5	0.0
40	PI/2 BPSK	100	0	19.66	19.71	19.56		
40	QPSK	1	1	19.80	19.84	19.70	21.5	0.0
40	QPSK	1	53	19.69	19.70	19.68		
40	QPSK	1	104	19.72	19.81	19.72		
40	QPSK	50	0	19.71	19.70	19.53	21.5	0.0
40	QPSK	50	28	19.76	19.83	19.65		
40	QPSK	50	56	19.74	19.79	19.63		
40	QPSK	100	0	19.69	19.76	19.59	21.5	0.0
40	16QAM	1	1	19.62	19.72	19.63	21.5	0.0
40	64QAM	1	1	19.64	19.80	19.54	21.5	0.0
40	256QAM	1	1	19.72	19.79	19.60	20.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.70	19.68	19.62	21.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.73	19.74	19.55	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.64	19.81	19.55	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.69	19.79	19.64	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.71	19.75	19.53	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.25	20.26	20.07	21.2	0.0
40	PI/2 BPSK	1	53	20.27	20.26	20.21		
40	PI/2 BPSK	1	104	20.20	20.30	20.10		
40	PI/2 BPSK	50	0	20.19	20.31	20.14	21.2	0.0
40	PI/2 BPSK	50	28	20.15	20.34	20.16	21.2	0.0
40	PI/2 BPSK	50	56	20.27	20.32	20.12	21.2	0.0
40	PI/2 BPSK	100	0	20.25	20.24	20.17		
40	QPSK	1	1	20.33	20.37	20.24	21.2	0.0
40	QPSK	1	53	20.22	20.32	20.21		
40	QPSK	1	104	20.23	20.27	20.17		
40	QPSK	50	0	20.21	20.34	20.14	21.2	0.0
40	QPSK	50	28	20.29	20.36	20.22		
40	QPSK	50	56	20.14	20.35	20.09		
40	QPSK	100	0	20.27	20.31	20.07	21.2	0.0
40	16QAM	1	1	20.24	20.28	20.21	21.2	0.0
40	64QAM	1	1	20.21	20.22	20.14	21.2	0.0
40	256QAM	1	1	20.16	20.28	20.10	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.17	20.21	20.15	21.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.25	20.21	20.16	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.27	20.24	20.20	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.16	20.26	20.15	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.22	20.29	20.10	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	530930		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.37	19.39	19.23	21.0	0.0
100	PI/2 BPSK	1	137	19.35	19.33	19.25		
100	PI/2 BPSK	1	271	19.33	19.44	19.15		
100	PI/2 BPSK	135	0	19.28	19.33	19.20	21.0	0.0
100	PI/2 BPSK	135	69	19.40	19.34	19.24	21.0	0.0
100	PI/2 BPSK	135	138	19.33	19.35	19.17	21.0	0.0
100	PI/2 BPSK	270	0	19.41	19.36	19.16		
100	QPSK	1	1	19.43	19.48	19.37	21.0	0.0
100	QPSK	1	137	19.30	19.45	19.27		
100	QPSK	1	271	19.41	19.36	19.23		
100	QPSK	135	0	19.34	19.45	19.17	21.0	0.0
100	QPSK	135	69	19.42	19.47	19.26		
100	QPSK	135	138	19.30	19.43	19.19		
100	QPSK	270	0	19.33	19.44	19.24	21.0	0.0
100	16QAM	1	1	18.41	19.37	19.23	21.0	0.0
100	64QAM	1	1	19.35	19.44	19.23	21.0	0.0
100	256QAM	1	1	18.79	18.95	18.72	20.5	0.5
Channel				506202	518598	530998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.31	19.45	19.25	21.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.33	19.46	19.12	21.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.31	19.44	19.10	21.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.34	19.35	19.20	21.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.32	19.40	19.20	21.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.41	19.40	19.14	21.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.41	19.36	19.15	21.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.34	19.33	19.13	21.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	19.40	19.44	19.16	21.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	19.37	19.46	19.21	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	530930		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.74	18.81	18.65	20.2	0.0
100	PI/2 BPSK	1	137	18.74	18.74	18.65		
100	PI/2 BPSK	1	271	18.81	18.81	18.73		
100	PI/2 BPSK	135	0	18.71	18.80	18.72	20.2	0.0
100	PI/2 BPSK	135	69	18.74	18.74	18.74	20.2	0.0
100	PI/2 BPSK	135	138	18.75	18.80	18.73	20.2	0.0
100	PI/2 BPSK	270	0	18.83	18.85	18.70		
100	QPSK	1	1	18.94	19.00	18.94	20.2	0.0
100	QPSK	1	137	18.92	18.93	18.91		
100	QPSK	1	271	18.81	18.97	18.89		
100	QPSK	135	0	18.83	18.82	18.77	20.2	0.0
100	QPSK	135	69	18.94	18.87	18.79		
100	QPSK	135	138	18.80	18.85	18.71		
100	QPSK	270	0	18.71	18.81	18.78	20.2	0.0
100	16QAM	1	1	18.82	18.85	18.65	20.2	0.0
100	64QAM	1	1	18.74	18.74	18.74	20.2	0.0
100	256QAM	1	1	18.75	18.83	18.76	20.2	0.0
Channel				506200	518598	530998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.74	18.72	18.64	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.81	18.81	18.70	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.75	18.76	18.66	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.73	18.76	18.68	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.73	18.78	18.73	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.79	18.79	18.65	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.81	18.79	18.76	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.78	18.85	18.67	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	18.76	18.85	18.70	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	18.69	18.85	18.68	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	530930		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.54	19.72	19.66	21.5	0.0
100	PI/2 BPSK	1	137	19.52	19.77	19.59		
100	PI/2 BPSK	1	271	19.53	19.74	19.62		
100	PI/2 BPSK	135	0	19.55	19.68	19.64	21.5	0.0
100	PI/2 BPSK	135	69	19.54	19.68	19.72	21.5	0.0
100	PI/2 BPSK	135	138	19.50	19.70	19.64	21.5	0.0
100	PI/2 BPSK	270	0	19.54	19.79	19.72		
100	QPSK	1	1	19.67	19.88	19.81	21.5	0.0
100	QPSK	1	137	19.60	19.82	19.68		
100	QPSK	1	271	19.61	19.83	19.67		
100	QPSK	135	0	19.54	19.73	19.71	21.5	0.0
100	QPSK	135	69	19.57	19.81	19.74		
100	QPSK	135	138	19.50	19.66	19.71		
100	QPSK	270	0	19.54	19.79	19.60	21.5	0.0
100	16QAM	1	271	19.52	19.66	19.60	21.5	0.0
100	64QAM	1	271	19.52	19.69	19.68	21.5	0.0
100	256QAM	1	271	18.51	18.66	18.67	20.5	1.0
Channel				506200	518598	530998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.57	19.83	19.73	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.52	19.76	19.78	21.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.50	19.72	19.73	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.65	19.86	19.73	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.64	19.78	19.71	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.65	19.77	19.72	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.52	19.74	19.68	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.52	19.81	19.69	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	19.55	19.86	19.72	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	19.60	19.75	19.74	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	530930		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.91	20.09	20.04	21.2	0.0
100	PI/2 BPSK	1	137	19.96	20.10	19.99		
100	PI/2 BPSK	1	271	19.89	20.04	19.91		
100	PI/2 BPSK	135	0	19.91	20.04	19.90	21.2	0.0
100	PI/2 BPSK	135	69	19.98	20.04	19.94	21.2	0.0
100	PI/2 BPSK	135	138	19.99	20.05	19.91	21.2	0.0
100	PI/2 BPSK	270	0	19.89	20.05	20.04		
100	QPSK	1	1	20.19	20.30	20.17	21.2	0.0
100	QPSK	1	137	20.05	20.20	20.09		
100	QPSK	1	271	20.07	20.16	20.08		
100	QPSK	135	0	19.94	20.01	20.02	21.2	0.0
100	QPSK	135	69	20.04	20.15	20.03		
100	QPSK	135	138	20.00	20.08	20.01		
100	QPSK	270	0	20.03	20.12	19.98	21.2	0.0
100	16QAM	1	271	19.98	20.03	19.90	21.2	0.0
100	64QAM	1	271	20.02	20.02	19.95	21.2	0.0
100	256QAM	1	271	20.22	20.28	20.25	21.2	0.0
Channel				506200	518598	530998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.11	20.19	20.03	21.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.14	20.19	20.05	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.05	20.11	20.03	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.07	20.16	20.04	21.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.14	20.19	20.10	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.07	20.29	20.02	21.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.11	20.24	20.04	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.11	20.26	20.16	21.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	20.14	20.22	20.14	21.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	20.12	20.27	20.14	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.55			
100	PI/2 BPSK	1	137		20.55		22.0	0.0
100	PI/2 BPSK	1	271		20.68			
100	PI/2 BPSK	135	0		20.58		22.0	0.0
100	PI/2 BPSK	135	69		20.61		22.0	0.0
100	PI/2 BPSK	135	138		20.39			
100	PI/2 BPSK	270	0		20.41		22.0	0.0
100	QPSK	1	1		20.56			
100	QPSK	1	137		20.74		22.0	0.0
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.58			
100	QPSK	135	69		20.70		22.0	0.0
100	QPSK	135	138		20.64			
100	QPSK	270	0		20.66		22.0	0.0
100	16QAM	1	1		20.48		22.0	0.0
100	64QAM	1	1		20.46		22.0	0.0
100	256QAM	1	1		19.37		21.0	1.0
	Channel			632000	633332	633968	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.69	20.68	20.61	22.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.57	20.64	20.48	22.0	0.0
	Channel			632324	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.65	20.65	20.48	22.0	0.0
	Channel			632000	633332	634668	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.55	20.58	20.51	22.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.54	20.57	20.58	22.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.56	20.65	20.47	22.0	0.0
	Channel			631000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.61	20.57	20.53	22.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3537.45	(dBm)	(dB)
25	QPSK	1	1	20.57	20.53	20.60	22.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.65	20.64	20.50	22.0	0.0
	Channel			630000	633332	636168	Tune-up limit	MPR
	Frequency (MHz)			3447.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.64	20.54	20.47	22.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.64	20.62	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.30	21.19	21.45		
100	PI/2 BPSK	1	137	21.10	21.11	21.38	22.5	0.0
100	PI/2 BPSK	1	271	21.26	21.06	21.38		
100	PI/2 BPSK	135	0	21.17	21.11	21.44	22.5	0.0
100	PI/2 BPSK	135	69	21.21	21.05	21.41	22.5	0.0
100	PI/2 BPSK	135	138	21.26	21.06	21.37		
100	PI/2 BPSK	270	0	21.11	21.01	21.46	22.5	0.0
100	QPSK	1	1	21.34	21.17	21.39		
100	QPSK	1	137	21.40	21.30	21.51	22.5	0.0
100	QPSK	1	271	21.38	21.22	21.44		
100	QPSK	135	0	21.12	21.17	21.40		
100	QPSK	135	69	21.30	21.21	21.45	22.5	0.0
100	QPSK	135	138	21.20	21.14	21.40		
100	QPSK	270	0	21.30	21.16	21.42	22.5	0.0
100	16QAM	1	1	21.13	21.03	21.31	22.5	0.0
100	64QAM	1	1	21.25	21.12	21.44	22.5	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.33	21.15	21.36	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3745.01	3840	3935.99	(dBm)	(dB)
80	QPSK	1	1	21.26	21.18	21.40	22.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.21	21.18	21.42	22.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.28	21.14	21.32	22.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.20	21.14	21.41	22.5	0.0
	Channel			648002	650000	651998	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.25	21.17	21.39	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3710.02	3840.06	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.32	21.14	21.31	22.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.23	21.22	21.42	22.5	0.0
	Channel			647334	650000	654666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.29	21.24	21.42	22.5	0.0
	Channel			647168	650000	654832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.21	21.18	21.39	22.5	0.0
	Channel			647000	650000	655000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.30	21.12	21.34	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.43			
100	PI/2 BPSK	1	137		17.46		19.0	0.0
100	PI/2 BPSK	1	271		17.38			
100	PI/2 BPSK	135	0		17.43		19.0	0.0
100	PI/2 BPSK	135	69		17.44		19.0	0.0
100	PI/2 BPSK	135	138		17.33			
100	PI/2 BPSK	270	0		17.33		19.0	0.0
100	QPSK	1	1		17.41			
100	QPSK	1	137		17.61		19.0	0.0
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.42			
100	QPSK	135	69		17.47		19.0	0.0
100	QPSK	135	138		17.44			
100	QPSK	270	0		17.36		19.0	0.0
100	16QAM	1	1		17.34		19.0	0.0
100	64QAM	1	1		17.40		19.0	0.0
100	256QAM	1	1		17.40		19.0	0.0
	Channel			632000	633332	633968	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.22	17.41	17.44	19.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.37	17.32	17.40	19.0	0.0
	Channel			632324	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.46	17.35	17.38	19.0	0.0
	Channel			632000	633332	634668	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.41	17.34	17.45	19.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.32	17.38	17.42	19.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.42	17.38	17.38	19.0	0.0
	Channel			631000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.49	17.35	17.37	19.0	0.0
	Channel			630668	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3537.45	(dBm)	(dB)
25	QPSK	1	1	17.35	17.39	17.44	19.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.42	17.38	17.44	19.0	0.0
	Channel			630000	633332	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.39	17.38	17.35	19.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.42	17.40	17.43	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.28	18.12	18.38		
100	PI/2 BPSK	1	137	18.14	18.08	18.36	19.5	0.0
100	PI/2 BPSK	1	271	18.20	18.06	18.36		
100	PI/2 BPSK	135	0	18.16	18.06	18.36	19.5	0.0
100	PI/2 BPSK	135	69	18.23	18.02	18.36	19.5	0.0
100	PI/2 BPSK	135	138	18.17	18.04	18.35		
100	PI/2 BPSK	270	0	18.18	18.01	18.37	19.5	0.0
100	QPSK	1	1	18.35	18.19	18.40		
100	QPSK	1	137	18.42	18.20	18.48	19.5	0.0
100	QPSK	1	271	18.32	18.16	18.44		
100	QPSK	135	0	18.15	18.11	18.45		
100	QPSK	135	69	18.29	18.16	18.45	19.5	0.0
100	QPSK	135	138	18.21	18.13	18.45		
100	QPSK	270	0	18.17	18.02	18.40	19.5	0.0
100	16QAM	1	1	18.14	18.03	18.32	19.5	0.0
100	64QAM	1	1	18.24	18.12	18.40	19.5	0.0
100	256QAM	1	1	18.06	17.93	18.32	19.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.14	18.03	18.39	19.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3745.01	3840	3935.99	(dBm)	(dB)
80	QPSK	1	1	18.18	18.03	18.40	19.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.24	18.14	18.42	19.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.14	18.08	18.41	19.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.26	18.09	18.42	19.5	0.0
	Channel			648002	650000	651998	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.16	18.03	18.35	19.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.21	18.15	18.33	19.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.18	18.04	18.41	19.5	0.0
	Channel			647334	650000	654666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.20	18.14	18.42	19.5	0.0
	Channel			647168	650000	654832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.18	18.15	18.36	19.5	0.0
	Channel			647000	650000	655000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.20	18.11	18.42	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		22.43			
100	PI/2 BPSK	1	137		22.35		23.0	0.0
100	PI/2 BPSK	1	271		22.37			
100	PI/2 BPSK	135	0		22.39		23.0	0.0
100	PI/2 BPSK	135	69		22.32		23.0	0.0
100	PI/2 BPSK	135	138		22.36		23.0	0.0
100	PI/2 BPSK	270	0		22.31			
100	QPSK	1	1		22.46			
100	QPSK	1	137		22.56		23.0	0.0
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.36			
100	QPSK	135	69		22.54		23.0	0.0
100	QPSK	135	138		22.48			
100	QPSK	270	0		22.50		23.0	0.0
100	16QAM	1	1		22.34		23.0	0.0
100	64QAM	1	1		22.41		23.0	0.0
100	256QAM	1	1		21.14		21.5	1.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	22.47	22.47	22.41	23.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3490.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.26	22.23	22.21	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3469.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	22.26	22.24	22.19	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.30	22.24	22.19	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.28	22.25	22.24	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.26	22.34	22.19	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.33	22.31	22.17	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.34	22.23	22.25	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.29	22.27	22.36	23.0	0.0
Channel				630660	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3469.98	3545.49	(dBm)	(dB)
15	QPSK	1	1	22.27	22.32	22.29	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.31	22.32	22.19	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3930	(dBm)	(dB)
100	PI/2 BPSK	1	1	22.42	22.38	22.31		
100	PI/2 BPSK	1	137	22.26	22.46	22.38	23.0	0.0
100	PI/2 BPSK	1	271	22.30	22.43	22.44		
100	PI/2 BPSK	135	0	22.44	22.41	22.37	23.0	0.0
100	PI/2 BPSK	135	69	22.31	22.47	22.43	23.0	0.0
100	PI/2 BPSK	135	138	22.20	22.45	22.30	23.0	0.0
100	PI/2 BPSK	270	0	22.39	22.55	22.34		
100	QPSK	1	1	22.43	22.38	22.46		
100	QPSK	1	137	22.40	22.61	22.51	23.0	0.0
100	QPSK	1	271	22.39	22.49	22.42		
100	QPSK	135	0	22.30	22.30	22.40		
100	QPSK	135	69	22.42	22.56	22.46	23.0	0.0
100	QPSK	135	138	22.41	22.39	22.42		
100	QPSK	270	0	22.37	22.56	22.48	23.0	0.0
100	16QAM	1	1	22.31	22.34	22.44	23.0	0.0
100	64QAM	1	1	22.42	22.59	22.43	23.0	0.0
100	256QAM	1	1	21.03	21.05	21.00	21.5	1.5
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.28	22.43	22.27	23.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.36	22.43	22.40	23.0	0.0
Channel				646000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.37	22.36	22.39	23.0	0.0
Channel				646668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.26	22.42	22.34	23.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.38	22.46	22.30	23.0	0.0
Channel				646002	650002	654002	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3955	(dBm)	(dB)
40	QPSK	1	1	22.35	22.50	22.30	23.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.37	22.48	22.34	23.0	0.0
Channel				647336	650000	652664	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	22.24	22.49	22.39	23.0	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.29	22.38	22.31	23.0	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.39	22.42	22.33	23.0	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.36	22.38	22.39	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		19.42			
100	PI/2 BPSK	1	137		19.33		20.0	0.0
100	PI/2 BPSK	1	271		19.34			
100	PI/2 BPSK	135	0		19.43		20.0	0.0
100	PI/2 BPSK	135	69		19.32		20.0	0.0
100	PI/2 BPSK	135	138		19.40		20.0	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.46			
100	QPSK	1	137		19.59		20.0	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.45			
100	QPSK	135	69		19.47		20.0	0.0
100	QPSK	135	138		19.43			
100	QPSK	270	0		19.46		20.0	0.0
100	16QAM	1	1		19.34		20.0	0.0
100	64QAM	1	1		19.48		20.0	0.0
100	256QAM	1	1		19.53		20.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	19.47	19.48	19.55	20.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.56	19.48	19.52	20.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3469.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	19.54	19.49	19.54	20.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.50	19.48	19.48	20.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.51	19.58	19.58	20.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.50	19.47	19.57	20.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.53	19.56	19.45	20.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.51	19.52	19.48	20.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.44	19.50	19.51	20.0	0.0
Channel				630660	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3469.98	3545.49	(dBm)	(dB)
15	QPSK	1	1	19.57	19.58	19.55	20.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.56	19.45	19.47	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3930	(dBm)	(dB)
100	PI/2 BPSK	1	1	19.46	19.45	19.40		
100	PI/2 BPSK	1	137	19.37	19.59	19.46	20.0	0.0
100	PI/2 BPSK	1	271	19.40	19.58	19.46		
100	PI/2 BPSK	135	0	19.46	19.45	19.43	20.0	0.0
100	PI/2 BPSK	135	69	19.44	19.58	19.53	20.0	0.0
100	PI/2 BPSK	135	138	19.35	19.52	19.42	20.0	0.0
100	PI/2 BPSK	270	0	19.45	19.57	19.45		
100	QPSK	1	1	19.49	19.53	19.56		
100	QPSK	1	137	19.58	19.67	19.57	20.0	0.0
100	QPSK	1	271	19.53	19.60	19.53		
100	QPSK	135	0	19.42	19.45	19.51		
100	QPSK	135	69	19.44	19.57	19.52	20.0	0.0
100	QPSK	135	138	19.43	19.48	19.47		
100	QPSK	270	0	19.35	19.51	19.49	20.0	0.0
100	16QAM	1	1	19.36	19.46	19.53	20.0	0.0
100	64QAM	1	1	19.53	19.65	19.54	20.0	0.0
100	256QAM	1	1	19.56	19.53	19.55	20.0	0.0
Channel				646668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.54	19.63	19.48	20.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.54	19.56	20.0	0.0
Channel				646000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.45	19.54	19.48	20.0	0.0
Channel				646668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.44	19.66	19.44	20.0	0.0
Channel				646334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.56	19.61	19.42	20.0	0.0
Channel				646002	650002	654002	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3955	(dBm)	(dB)
40	QPSK	1	1	19.52	19.53	19.45	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.54	19.63	19.56	20.0	0.0
Channel				647336	650000	652664	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.53	19.64	19.47	20.0	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.45	19.52	19.56	20.0	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.66	19.46	20.0	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.46	19.66	19.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.95		22.5	0.0
100	PI/2 BPSK	1	137		21.08			
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		21.07		22.5	0.0
100	PI/2 BPSK	135	69		20.86		22.5	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.0
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.08		22.5	0.0
100	QPSK	1	137		21.26			
100	QPSK	1	271		21.20			
100	QPSK	135	0		21.10		22.5	0.0
100	QPSK	135	69		21.23			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.19		22.5	0.0
100	16QAM	1	1		21.03		22.5	0.0
100	64QAM	1	1		21.10		22.5	0.0
100	256QAM	1	1		19.89		21.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.03	21.04	21.13	22.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3512		
80	QPSK	1	1	20.79	20.93	20.94	22.5	0.0
Channel				632324	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.81	3499.98	3514.06		
70	QPSK	1	1	20.77	20.80	21.02	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.79	20.82	20.90	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.80	20.89	20.94	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.84	20.85	20.96	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.82	20.86	20.94	22.5	0.0
Channel				630668	633332	635932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3499.98	3537.48		
25	QPSK	1	1	20.84	20.93	20.98	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3499.98	3542		
20	QPSK	1	1	20.89	20.83	21.02	22.5	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.46		
15	QPSK	1	1	20.89	20.87	20.94	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.80	20.88	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.58	21.88	21.70	23.5	0.0
100	PI/2 BPSK	1	137	21.47	21.76	21.74		
100	PI/2 BPSK	1	271	21.58	21.80	21.67		
100	PI/2 BPSK	135	0	21.50	21.76	21.71	23.5	0.0
100	PI/2 BPSK	135	69	21.38	21.61	21.78	23.5	0.0
100	PI/2 BPSK	135	138	21.61	21.82	21.73	23.5	0.0
100	PI/2 BPSK	270	0	21.43	21.72	21.64		
100	QPSK	1	1	21.48	21.69	21.70	23.5	0.0
100	QPSK	1	137	21.61	21.92	21.77		
100	QPSK	1	271	21.50	21.76	21.68		
100	QPSK	135	0	21.52	21.76	21.56	23.5	0.0
100	QPSK	135	69	21.63	21.88	21.81		
100	QPSK	135	138	21.54	21.81	21.74		
100	QPSK	270	0	21.63	21.86	21.78	23.5	0.0
100	16QAM	1	1	21.65	21.89	21.68	23.5	0.0
100	64QAM	1	1	21.49	21.70	21.69	23.5	0.0
100	256QAM	1	1	20.22	20.34	20.33	22.0	1.5
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.47	21.72	21.52	23.0	0.0
Channel				646334	656000	665666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.36	21.69	21.62	23.5	0.0
Channel				646000	656000	666000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732	3840	3948		
70	QPSK	1	1	21.49	21.79	21.63	23.5	0.0
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.38	21.72	21.66	23.5	0.0
Channel				646334	656000	665666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.47	21.71	21.63	23.5	0.0
Channel				646002	656000	666332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.71	21.66	23.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.38	21.60	21.56	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.36	21.62	21.63	23.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.44	21.79	21.55	23.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.41	21.78	21.60	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.40	21.68	21.58	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		17.96			
100	PI/2 BPSK	1	137		17.93		19.5	0.0
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.01		19.5	0.0
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.94		19.5	0.0
100	PI/2 BPSK	270	0		18.03			
100	QPSK	1	1		18.06		19.5	0.0
100	QPSK	1	137		18.10			
100	QPSK	1	271		18.14			
100	QPSK	135	0		17.96		19.5	0.0
100	QPSK	135	69		18.15			
100	QPSK	135	138		17.95			
100	QPSK	270	0		18.00		19.5	0.0
100	16QAM	1	1		17.93		19.5	0.0
100	64QAM	1	1		18.13		19.5	0.0
100	256QAM	1	1		18.17		19.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	18.06	18.18	18.19	19.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.10	18.04	18.07	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.11	18.06	18.05	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.11	18.11	18.11	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.16	18.05	18.05	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.13	18.15	18.05	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.09	18.15	18.10	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.13	18.06	18.04	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.06	18.16	18.06	19.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3457.5	3469.98	3565.49	(dBm)	(dB)
15	QPSK	1	1	18.15	18.12	18.09	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.18	18.15	18.11	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636666	636000	632000		
Frequency (MHz)				3759	3840	3920		
100	PI/2 BPSK	1	1	18.61	18.94	18.83		
100	PI/2 BPSK	1	137	18.55	18.90	18.79	20.5	0.0
100	PI/2 BPSK	1	271	18.64	18.82	18.91		
100	PI/2 BPSK	135	0	18.65	18.86	18.83	20.5	0.0
100	PI/2 BPSK	135	69	18.52	18.66	18.82	20.5	0.0
100	PI/2 BPSK	135	138	18.65	18.89	18.82	20.5	0.0
100	PI/2 BPSK	270	0	18.53	18.76	18.79		
100	QPSK	1	1	18.59	18.73	18.90		
100	QPSK	1	137	18.63	18.95	18.94	20.5	0.0
100	QPSK	1	271	18.58	18.83	18.92		
100	QPSK	135	0	18.62	18.81	18.68		
100	QPSK	135	69	18.66	18.83	18.82	20.5	0.0
100	QPSK	135	138	18.64	18.92	18.80		
100	QPSK	270	0	18.54	18.80	18.71	20.5	0.0
100	16QAM	1	1	18.67	18.92	18.79	20.5	0.0
100	64QAM	1	1	18.57	18.82	18.81	20.5	0.0
100	256QAM	1	1	18.65	18.93	18.83	20.5	0.0
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.59	18.94	18.85	20.5	0.0
Channel				646334	636000	625666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.63	18.87	18.88	20.5	0.0
Channel				646000	636000	626000	Tune-up limit	MPR
Frequency (MHz)				3736	3840	3944	(dBm)	(dB)
70	QPSK	1	1	18.56	18.92	18.89	20.5	0.0
Channel				646668	636000	625332	Tune-up limit	MPR
Frequency (MHz)				3736.02	3840	3943.98	(dBm)	(dB)
60	QPSK	1	1	18.61	18.81	18.93	20.5	0.0
Channel				646334	636000	625666	Tune-up limit	MPR
Frequency (MHz)				3735.01	3840	3944.99	(dBm)	(dB)
50	QPSK	1	1	18.56	18.91	18.90	20.5	0.0
Channel				646000	636000	626000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3950	(dBm)	(dB)
40	QPSK	1	1	18.65	18.84	18.82	20.5	0.0
Channel				647668	636000	624332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.54	18.82	18.84	20.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.62	18.88	18.79	20.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.57	18.87	18.92	20.5	0.0
Channel				647168	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.58	18.88	18.89	20.5	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.63	18.89	18.87	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		18.32			
100	PI/2 BPSK	1	137		18.32		19.5	0.0
100	PI/2 BPSK	1	271		18.40			
100	PI/2 BPSK	135	0		18.37		19.5	0.0
100	PI/2 BPSK	135	69		18.31		19.5	0.0
100	PI/2 BPSK	135	138		18.39		19.5	0.0
100	PI/2 BPSK	270	0		18.30			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.37			
100	QPSK	135	138		18.34			
100	QPSK	270	0		18.35		19.5	0.0
100	16QAM	1	1		18.29		19.5	0.0
100	64QAM	1	1		18.34		19.5	0.0
100	256QAM	1	1		18.32		19.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	18.34	18.31	18.23	19.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.23	18.25	18.17	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.19	18.11	18.05	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.25	18.24	18.05	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.23	18.20	18.15	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.19	18.23	18.10	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.15	18.15	18.16	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.24	18.23	18.12	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.23	18.24	18.08	19.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3469.98	3542.48	(dBm)	(dB)
15	QPSK	1	1	18.22	18.11	18.08	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.17	18.23	18.17	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636666	636000	635332		
Frequency (MHz)				3759	3840	3920		
100	PI/2 BPSK	1	1	18.54	18.41	18.58		
100	PI/2 BPSK	1	137	18.70	18.36	18.57	20.0	0.0
100	PI/2 BPSK	1	271	18.53	18.32	18.61		
100	PI/2 BPSK	135	0	18.59	18.41	18.59	20.0	0.0
100	PI/2 BPSK	135	69	18.44	18.45	18.67	20.0	0.0
100	PI/2 BPSK	135	138	18.46	18.43	18.55	20.0	0.0
100	PI/2 BPSK	270	0	18.59	18.47	18.57		
100	QPSK	1	1	18.61	18.69	18.66		
100	QPSK	1	137	18.69	18.78	18.71	20.0	0.0
100	QPSK	1	271	18.56	18.56	18.69		
100	QPSK	135	0	18.55	18.59	18.64		
100	QPSK	135	69	18.66	18.74	18.71	20.0	0.0
100	QPSK	135	138	18.60	18.64	18.59		
100	QPSK	270	0	18.62	18.70	18.59	20.0	0.0
100	16QAM	1	1	18.67	18.39	18.67	20.0	0.0
100	64QAM	1	1	18.51	18.45	18.57	20.0	0.0
100	256QAM	1	1	18.53	18.35	18.48	20.0	0.0
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.62	18.63	18.58	20.0	0.0
Channel				646334	636000	625666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.61	18.58	18.63	20.0	0.0
Channel				646000	636000	626000	Tune-up limit	MPR
Frequency (MHz)				3736	3840	3944	(dBm)	(dB)
70	QPSK	1	1	18.57	18.70	18.51	20.0	0.0
Channel				646668	636000	625332	Tune-up limit	MPR
Frequency (MHz)				3736.02	3840	3943.98	(dBm)	(dB)
60	QPSK	1	1	18.60	18.71	18.52	20.0	0.0
Channel				646334	636000	625666	Tune-up limit	MPR
Frequency (MHz)				3735.01	3840	3944.99	(dBm)	(dB)
50	QPSK	1	1	18.57	18.70	18.64	20.0	0.0
Channel				646000	636000	626000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3950	(dBm)	(dB)
40	QPSK	1	1	18.62	18.63	18.52	20.0	0.0
Channel				647668	636000	624332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.61	18.70	18.62	20.0	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.53	18.68	18.63	20.0	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.61	18.59	18.56	20.0	0.0
Channel				647168	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.60	18.70	18.59	20.0	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.49	18.67	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		15.28		16.5	0.0
100	PI/2 BPSK	1	137		15.30			
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.18		16.5	0.0
100	PI/2 BPSK	135	138		15.25		16.5	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.21		16.5	0.0
100	QPSK	1	137		15.34			
100	QPSK	1	271		15.19			
100	QPSK	135	0		15.26		16.5	0.0
100	QPSK	135	69		15.26			
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.26		16.5	0.0
100	16QAM	1	1		15.22		16.5	0.0
100	64QAM	1	1		15.25		16.5	0.0
100	256QAM	1	1		15.25		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.98	3504.99		
90	QPSK	1	1	15.23	15.21	15.29	16.5	0.0
Channel				630666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.98	3510		
80	QPSK	1	1	15.22	15.30	15.20	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3469.98	3514.98		
70	QPSK	1	1	15.28	15.22	15.31	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3469.98	3518.99		
60	QPSK	1	1	15.25	15.19	15.27	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3469.98	3525		
50	QPSK	1	1	15.23	15.21	15.25	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3469.98	3529.98		
40	QPSK	1	1	15.30	15.27	15.23	16.5	0.0
Channel				631002	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3469	3469.98	3534.99		
30	QPSK	1	1	15.29	15.25	15.23	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3469.98	3537.48		
25	QPSK	1	1	15.19	15.28	15.32	16.5	0.0
Channel				630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.98	3540		
20	QPSK	1	1	15.23	15.29	15.20	16.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3469.98	3542.49		
15	QPSK	1	1	15.28	15.25	15.21	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3469.98	3544.98		
10	QPSK	1	1	15.29	15.20	15.32	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.74	15.53	15.58	17.0	0.0
100	PI/2 BPSK	1	137	15.76	15.47	15.64		
100	PI/2 BPSK	1	271	15.71	15.46	15.70		
100	PI/2 BPSK	135	0	15.78	15.48	15.63	17.0	0.0
100	PI/2 BPSK	135	69	15.64	15.58	15.68	17.0	0.0
100	PI/2 BPSK	135	138	15.66	15.57	15.60	17.0	0.0
100	PI/2 BPSK	270	0	15.73	15.48	15.63		
100	QPSK	1	1	15.78	15.54	15.79	17.0	0.0
100	QPSK	1	137	15.82	15.86	15.80		
100	QPSK	1	271	15.68	15.54	15.75		
100	QPSK	135	0	15.71	15.54	15.64	17.0	0.0
100	QPSK	135	69	15.72	15.79	15.73		
100	QPSK	135	138	15.69	15.46	15.68		
100	QPSK	270	0	15.64	15.70	15.68	17.0	0.0
100	16QAM	1	1	15.74	15.45	15.71	17.0	0.0
100	64QAM	1	1	15.69	15.47	15.63	17.0	0.0
100	256QAM	1	1	15.66	15.46	15.58	17.0	0.0
Channel				656668	656000	655332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.69	15.84	15.69	17.0	0.0
Channel				656334	656000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.79	15.77	15.72	17.0	0.0
Channel				656000	656000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.68	15.81	15.76	17.0	0.0
Channel				656668	656000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.71	15.85	15.71	17.0	0.0
Channel				656334	656000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.80	15.84	15.75	17.0	0.0
Channel				656002	656002	654002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.70	15.85	15.69	17.0	0.0
Channel				647668	656000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.78	15.78	15.66	17.0	0.0
Channel				647000	656000	654666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.74	15.82	15.66	17.0	0.0
Channel				647334	656000	654666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2710.01	3840	3969.99		
20	QPSK	1	1	15.69	15.74	15.79	17.0	0.0
Channel				647168	656000	654832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.67	15.84	15.77	17.0	0.0
Channel				647000	656000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.69	15.85	15.75	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		20.90			
100	PI/2 BPSK	1	137		20.91		22.5	0.0
100	PI/2 BPSK	1	271		20.77			
100	PI/2 BPSK	135	0		20.87		22.5	0.0
100	PI/2 BPSK	135	69		20.86		22.5	0.0
100	PI/2 BPSK	135	138		20.84		22.5	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		20.96		22.5	0.0
100	QPSK	1	137		20.93			
100	QPSK	1	271		20.93			
100	QPSK	135	0		20.84		22.5	0.0
100	QPSK	135	69		20.85			
100	QPSK	135	138		20.87			
100	QPSK	270	0		20.92		22.5	0.0
100	16QAM	1	1		20.83		22.5	0.0
100	64QAM	1	1		20.84		22.5	0.0
100	256QAM	1	1		20.70		22.0	0.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	20.87	20.82	20.91	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	20.70	20.71	20.72	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3466.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	20.68	20.70	20.82	22.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3619.98	(dBm)	(dB)
60	QPSK	1	1	20.77	20.72	20.71	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.70	20.71	20.78	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.78	20.76	20.75	22.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.80	20.65	20.83	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.67	20.69	20.75	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.71	20.76	20.71	22.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3545.49	(dBm)	(dB)
15	QPSK	1	1	20.79	20.62	20.73	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.76	20.65	20.75	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					636000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.17		22.5	0.0
100	PI/2 BPSK	1	137		21.22			
100	PI/2 BPSK	1	271		21.19			
100	PI/2 BPSK	135	0		21.07		22.5	0.0
100	PI/2 BPSK	135	69		21.02		22.5	0.0
100	PI/2 BPSK	135	138		21.19		22.5	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.27		22.5	0.0
100	QPSK	1	137		21.34			
100	QPSK	1	271		21.34			
100	QPSK	135	0		21.11		22.5	0.0
100	QPSK	135	69		21.32			
100	QPSK	135	138		21.15			
100	QPSK	270	0		21.30		22.5	0.0
100	16QAM	1	1		21.08		22.5	0.0
100	64QAM	1	1		21.21		22.5	0.0
100	256QAM	1	1		21.19		22.0	0.5
Channel				640668	643000	645332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	21.29	21.25	21.29	22.5	0.0
Channel				640334	643000	645666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	21.08	21.07	21.07	22.5	0.0
Channel				640000	643000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3790	(dBm)	(dB)
70	QPSK	1	1	21.03	21.14	21.14	22.5	0.0
Channel				640668	643000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	21.02	21.14	21.18	22.5	0.0
Channel				640324	643000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	21.08	21.09	21.11	22.5	0.0
Channel				640000	643000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.01	21.11	21.09	22.5	0.0
Channel				639668	643000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	21.06	21.16	21.19	22.5	0.0
Channel				639334	643000	652668	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	21.03	21.16	21.06	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	21.16	21.17	21.11	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	21.14	21.12	21.19	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.09	21.16	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		17.78		19.5	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	271		17.74			
100	PI/2 BPSK	135	0		17.74		19.5	0.0
100	PI/2 BPSK	135	69		17.77		19.5	0.0
100	PI/2 BPSK	135	138		17.81		19.5	0.0
100	PI/2 BPSK	270	0		17.77			
100	QPSK	1	1		17.82		19.5	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.83			
100	QPSK	135	0		17.74		19.5	0.0
100	QPSK	135	69		17.85			
100	QPSK	135	138		17.77			
100	QPSK	270	0		17.84		19.5	0.0
100	16QAM	1	1		17.76		19.5	0.0
100	64QAM	1	1		17.75		19.5	0.0
100	256QAM	1	1		17.58		19.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3564.99	(dBm)	(dB)
90	QPSK	1	1	17.83	17.99	17.83	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	17.85	17.83	17.87	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3466.98	3414.99	(dBm)	(dB)
70	QPSK	1	1	17.80	17.89	17.92	19.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	17.86	17.94	17.92	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.81	17.88	17.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.82	17.80	17.81	19.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.94	17.92	17.82	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.87	17.93	17.89	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.92	17.82	17.90	19.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3545.49	(dBm)	(dB)
15	QPSK	1	1	17.88	17.91	17.83	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.94	17.93	17.86	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					636000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.17		19.5	0.0
100	PI/2 BPSK	1	137		18.19			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.15		19.5	0.0
100	PI/2 BPSK	135	69		18.08		19.5	0.0
100	PI/2 BPSK	135	138		18.19		19.5	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.34			
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.12		19.5	0.0
100	QPSK	135	69		18.23			
100	QPSK	135	138		18.21			
100	QPSK	270	0		18.22		19.5	0.0
100	16QAM	1	1		18.18		19.5	0.0
100	64QAM	1	1		18.20		19.5	0.0
100	256QAM	1	1		18.15		19.5	0.0
Channel				640668	643000	645332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.25	18.22	18.29	19.5	0.0
Channel				640334	643000	645666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.33	18.20	18.24	19.5	0.0
Channel				640000	643000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3790	(dBm)	(dB)
70	QPSK	1	1	18.23	18.20	18.24	19.5	0.0
Channel				640668	643000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.31	18.22	18.33	19.5	0.0
Channel				640324	643000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.25	18.28	18.29	19.5	0.0
Channel				640000	643000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.28	18.27	18.21	19.5	0.0
Channel				639668	643000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.20	18.25	18.30	19.5	0.0
Channel				639334	643000	652668	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.20	18.27	18.30	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.20	18.19	18.24	19.5	0.0
Channel				647668	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.25	18.26	18.27	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.30	18.31	18.22	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.64		23.5	0.0
100	PI/2 BPSK	1	137		22.66			
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		22.99		23.5	0.0
100	PI/2 BPSK	135	69		22.98		23.5	0.0
100	PI/2 BPSK	135	138		23.01		23.5	0.0
100	PI/2 BPSK	270	0		22.97			
100	QPSK	1	1		22.91		23.5	0.0
100	QPSK	1	137		23.12			
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.91		23.5	0.0
100	QPSK	135	69		23.10			
100	QPSK	135	138		22.91			
100	QPSK	270	0		23.08		23.5	0.0
100	16QAM	1	1		22.93		23.5	0.0
100	64QAM	1	1		22.90		23.5	0.0
100	256QAM	1	1		22.32		22.5	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.94	22.93	22.92	23.5	0.0
Channel				632566	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.77	22.81	22.80	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.04	3499.98	3514.96	(dBm)	(dB)
70	QPSK	1	1	22.88	22.84	22.75	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.77	22.78	22.73	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.84	22.88	22.82	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.75	22.84	22.86	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.61	22.69	22.73	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	22.64	22.69	22.72	23.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3549	(dBm)	(dB)
20	QPSK	1	1	22.85	22.84	22.74	23.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3552.48	(dBm)	(dB)
15	QPSK	1	1	22.76	22.86	22.81	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3499.98	3554.98	(dBm)	(dB)
10	QPSK	1	1	22.80	22.88	22.73	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.20		23.5	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		23.09		23.5	0.0
100	PI/2 BPSK	135	69		23.12		23.5	0.0
100	PI/2 BPSK	135	138		23.12		23.5	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.16		23.5	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		23.15			
100	QPSK	135	0		23.22		23.5	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.15			
100	QPSK	270	0		23.18		23.5	0.0
100	16QAM	1	1		22.97		23.5	0.0
100	64QAM	1	1		23.16		23.5	0.0
100	256QAM	1	1		22.50		22.5	1.0
Channel				649666	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.12	23.13	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.66	22.92	22.99	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.87	23.02	23.03	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.97	22.94	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.94	22.96	23.02	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.91	22.96	22.91	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.95	22.98	22.92	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.88	23.01	23.04	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.91	22.92	22.90	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.94	23.04	22.95	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.94	23.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.86			
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.90		20.5	0.0
100	PI/2 BPSK	135	69		19.88		20.5	0.0
100	PI/2 BPSK	135	138		19.94		20.5	0.0
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		19.90		20.5	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.81		20.5	0.0
100	QPSK	135	69		19.95			
100	QPSK	135	138		19.83			
100	QPSK	270	0		19.87		20.5	0.0
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.84		20.5	0.0
100	256QAM	1	1		19.66		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.01	19.98	20.09	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.99	19.98	19.97	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.04	3499.98	3514.96	(dBm)	(dB)
70	QPSK	1	1	19.87	19.95	19.90	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.90	19.87	19.96	20.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.96	19.95	19.88	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.97	19.99	19.90	20.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.99	19.89	20.01	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	19.98	19.98	19.93	20.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3549	(dBm)	(dB)
20	QPSK	1	1	20.01	19.91	19.88	20.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3552.48	(dBm)	(dB)
15	QPSK	1	1	19.99	20.01	19.94	20.5	0.0
Channel				629334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3499.98	3554.98	(dBm)	(dB)
10	QPSK	1	1	19.90	19.99	19.94	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.17		20.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.13		20.5	0.0
100	PI/2 BPSK	135	69		20.15		20.5	0.0
100	PI/2 BPSK	135	138		20.17		20.5	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.23		20.5	0.0
100	QPSK	1	137		20.28			
100	QPSK	1	271		20.14			
100	QPSK	135	0		20.19		20.5	0.0
100	QPSK	135	69		20.21			
100	QPSK	135	138		20.17			
100	QPSK	270	0		20.11		20.5	0.0
100	16QAM	1	1		20.07		20.5	0.0
100	64QAM	1	1		20.12		20.5	0.0
100	256QAM	1	1		20.00		20.5	0.0
Channel				649666	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.22	20.26	20.19	20.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.15	20.20	20.26	20.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.14	20.13	20.27	20.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.21	20.13	20.26	20.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.14	20.24	20.21	20.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.14	20.24	20.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.26	20.25	20.16	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.22	20.15	20.13	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.16	20.25	20.18	20.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.20	20.20	20.18	20.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.25	20.25	20.18	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.05		22.5	0.0
100	PI/2 BPSK	1	137		20.90			
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		20.98		22.5	0.0
100	PI/2 BPSK	135	69		20.94		22.5	0.0
100	PI/2 BPSK	135	138		21.09		22.5	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.18		22.5	0.0
100	QPSK	1	137		21.23			
100	QPSK	1	271		21.12			
100	QPSK	135	0		21.09		22.5	0.0
100	QPSK	135	69		21.20			
100	QPSK	135	138		21.14			
100	QPSK	270	0		21.18		22.5	0.0
100	16QAM	1	1		21.03		22.5	0.0
100	64QAM	1	1		21.02		22.5	0.0
100	256QAM	1	1		20.98		22.0	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.04	21.05	21.03	22.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.89	20.88	20.98	22.5	0.0
Channel				632324	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.04	3499.98	3514.98		
70	QPSK	1	1	20.97	20.96	21.01	22.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.90	20.88	20.98	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.87	20.94	20.95	22.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.96	20.87	20.93	22.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.86	20.96	20.99	22.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.92	20.92	20.90	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.52	3499.98	3540		
20	QPSK	1	1	20.93	20.96	20.92	22.5	0.0
Channel				630009	633332	636195	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.91	20.87	20.93	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.89	20.94	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.59		23.0	0.0
100	PI/2 BPSK	1	137		21.63			
100	PI/2 BPSK	1	271		21.58			
100	PI/2 BPSK	135	0		21.67		23.0	0.0
100	PI/2 BPSK	135	69		21.65		23.0	0.0
100	PI/2 BPSK	135	138		21.68		23.0	0.0
100	PI/2 BPSK	270	0		21.46			
100	QPSK	1	1		21.51		23.0	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.63			
100	QPSK	135	0		21.53		23.0	0.0
100	QPSK	135	69		21.72			
100	QPSK	135	138		21.58			
100	QPSK	270	0		21.70		23.0	0.0
100	16QAM	1	1		21.61		23.0	0.0
100	64QAM	1	1		21.58		23.0	0.0
100	256QAM	1	1		21.22		22.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.54	21.67	21.60	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.49	21.61	21.53	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780		
70	QPSK	1	1	21.53	21.60	21.44	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.50	21.48	21.50	23.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.54	21.49	21.49	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.44	21.56	21.50	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	21.44	21.50	21.42	23.0	0.0
Channel				647332	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.49	21.48	21.46	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.58	21.61	21.43	23.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.48	21.59	21.44	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.48	21.61	21.50	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		18.65		19.5	0.0
100	PI/2 BPSK	1	137		17.99			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.65		19.5	0.0
100	PI/2 BPSK	135	69		17.97		19.5	0.0
100	PI/2 BPSK	135	138		18.65		19.5	0.0
100	PI/2 BPSK	270	0		17.94			
100	QPSK	1	1		18.11		19.5	0.0
100	QPSK	1	137		18.18			
100	QPSK	1	271		18.09			
100	QPSK	135	0		17.97		19.5	0.0
100	QPSK	135	69		18.09			
100	QPSK	135	138		17.95			
100	QPSK	270	0		17.98		19.5	0.0
100	16QAM	1	1		18.08		19.5	0.0
100	64QAM	1	1		17.98		19.5	0.0
100	256QAM	1	1		17.96		19.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3474.99	(dBm)	(dB)
90	QPSK	1	1	18.08	18.10	18.08	19.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.13	18.17	18.06	19.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	18.15	18.06	18.05	19.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3450	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.14	18.17	18.15	19.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.06	18.15	18.12	19.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.13	18.08	18.14	19.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.06	18.17	18.13	19.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3469.98	3539.98	(dBm)	(dB)
25	QPSK	1	1	18.10	18.13	18.09	19.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.05	18.09	18.06	19.5	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.12	18.13	18.04	19.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.16	18.16	18.11	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.77		20.0	0.0
100	PI/2 BPSK	1	137		18.86			
100	PI/2 BPSK	1	271		18.76			
100	PI/2 BPSK	135	0		18.85		20.0	0.0
100	PI/2 BPSK	135	69		18.85		20.0	0.0
100	PI/2 BPSK	135	138		18.87		20.0	0.0
100	PI/2 BPSK	270	0		18.78			
100	QPSK	1	1		18.79		20.0	0.0
100	QPSK	1	137		18.94			
100	QPSK	1	271		18.93			
100	QPSK	135	0		18.80		20.0	0.0
100	QPSK	135	69		18.89			
100	QPSK	135	138		18.85			
100	QPSK	270	0		18.82		20.0	0.0
100	16QAM	1	1		18.82		20.0	0.0
100	64QAM	1	1		18.80		20.0	0.0
100	256QAM	1	1		18.61		20.0	0.0
	Channel			646666	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.80	18.92	18.91	20.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.93	18.82	18.90	20.0	0.0
	Channel			646000	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3736	3750	3764	(dBm)	(dB)
70	QPSK	1	1	18.92	18.91	18.91	20.0	0.0
	Channel			646668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.90	18.89	18.83	20.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.83	18.91	18.83	20.0	0.0
	Channel			646002	650000	653998	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.89	18.85	18.92	20.0	0.0
	Channel			645668	650000	654332	Tune-up limit	MPR
	Frequency (MHz)			3713.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.88	18.89	18.85	20.0	0.0
	Channel			645334	650000	654666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
25	QPSK	1	1	18.79	18.85	18.82	20.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.80	18.92	18.90	20.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.81	18.82	18.84	20.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.80	18.90	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		18.38		20.0	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.37			
100	PI/2 BPSK	135	0		18.29		20.0	0.0
100	PI/2 BPSK	135	69		18.43		20.0	0.0
100	PI/2 BPSK	135	138		18.31		20.0	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.51		20.0	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.32		20.0	0.0
100	QPSK	135	69		18.54			
100	QPSK	135	138		18.46			
100	QPSK	270	0		18.50		20.0	0.0
100	16QAM	1	1		18.44		20.0	0.0
100	64QAM	1	1		18.43		20.0	0.0
100	256QAM	1	1		18.43		20.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3474.99	(dBm)	(dB)
90	QPSK	1	1	18.50	18.48	18.51	20.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.36	18.39	18.36	20.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	18.30	18.35	18.45	20.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3450	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.35	18.36	18.31	20.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.43	18.35	18.34	20.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.33	18.36	18.43	20.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.38	18.35	18.36	20.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3469.98	3539.98	(dBm)	(dB)
25	QPSK	1	1	18.30	18.28	18.42	20.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.36	18.39	18.41	20.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.35	18.39	18.44	20.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.39	18.39	18.38	20.0	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.84		20.5	0.0
100	PI/2 BPSK	1	137		18.97			
100	PI/2 BPSK	1	271		18.92			
100	PI/2 BPSK	135	0		19.03		20.5	0.0
100	PI/2 BPSK	135	69		18.93		20.5	0.0
100	PI/2 BPSK	135	138		18.79		20.5	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		18.95		20.5	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.02			
100	QPSK	135	0		18.85		20.5	0.0
100	QPSK	135	69		18.98			
100	QPSK	135	138		18.95			
100	QPSK	270	0		18.96		20.5	0.0
100	16QAM	1	1		18.91		20.5	0.0
100	64QAM	1	1		18.94		20.5	0.0
100	256QAM	1	1		18.94		20.5	0.0
	Channel			646666	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.87	18.86	18.88	20.5	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.80	18.71	18.80	20.5	0.0
	Channel			646000	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3736	3750	3764	(dBm)	(dB)
70	QPSK	1	1	18.78	18.70	18.72	20.5	0.0
	Channel			645668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.71	18.77	18.75	20.5	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.76	18.68	18.66	20.5	0.0
	Channel			646002	650000	653998	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.77	18.67	18.68	20.5	0.0
	Channel			645668	650000	654332	Tune-up limit	MPR
	Frequency (MHz)			3713.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.77	18.80	18.73	20.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.75	18.68	18.69	20.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.79	18.75	18.72	20.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.68	18.72	18.67	20.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.71	18.72	18.78	20.5	0.0

Part27Q n78_PC2/3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.40		17.0	0.0
100	PI/2 BPSK	1	137		15.39			
100	PI/2 BPSK	1	271		15.34			
100	PI/2 BPSK	135	0		15.34		17.0	0.0
100	PI/2 BPSK	135	69		15.34		17.0	0.0
100	PI/2 BPSK	135	138		15.35		17.0	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.54		17.0	0.0
100	QPSK	1	137		15.55			
100	QPSK	1	271		15.47			
100	QPSK	135	0		15.36		17.0	0.0
100	QPSK	135	69		15.41			
100	QPSK	135	138		15.37			
100	QPSK	270	0		15.38		17.0	0.0
100	16QAM	1	1		15.39		17.0	0.0
100	64QAM	1	1		15.37		17.0	0.0
100	256QAM	1	1		15.38		17.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	15.44	15.43	15.42	17.0	0.0
Channel				632568	633332	634098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.47	15.45	15.44	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.01	3499.98	3510.99		
70	QPSK	1	1	15.54	15.44	15.43	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3510.99		
60	QPSK	1	1	15.46	15.46	15.50	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.42	15.47	15.46	17.0	0.0
Channel				631134	633332	635532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.43	15.51	15.49	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.53	15.46	15.52	17.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.47	15.49	15.46	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.54	15.45	15.41	17.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.40	15.54	15.46	17.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.53	15.52	15.46	17.0	0.0

Part27O n78_PC2/3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.89		17.5	0.0
100	PI/2 BPSK	1	137		15.92			
100	PI/2 BPSK	1	271		15.93			
100	PI/2 BPSK	135	0		15.96		17.5	0.0
100	PI/2 BPSK	135	69		15.86		17.5	0.0
100	PI/2 BPSK	135	138		15.84		17.5	0.0
100	PI/2 BPSK	270	0		15.94			
100	QPSK	1	1		15.96		17.5	0.0
100	QPSK	1	137		16.00			
100	QPSK	1	271		15.96			
100	QPSK	135	0		15.90		17.5	0.0
100	QPSK	135	69		15.99			
100	QPSK	135	138		15.98			
100	QPSK	270	0		15.91		17.5	0.0
100	16QAM	1	1		15.90		17.5	0.0
100	64QAM	1	1		15.90		17.5	0.0
100	256QAM	1	1		15.98		17.5	0.0
Channel				646668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.94	15.89	15.88	17.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3750	3759.99		
80	QPSK	1	1	15.99	15.97	15.89	17.5	0.0
Channel				646000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3770		
70	QPSK	1	1	15.96	15.96	15.98	17.5	0.0
Channel				646668	650000	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3765.98		
60	QPSK	1	1	15.88	15.96	15.98	17.5	0.0
Channel				646334	650000	653666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3750	3774.99		
50	QPSK	1	1	15.89	15.98	15.88	17.5	0.0
Channel				646000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.90	15.85	15.87	17.5	0.0
Channel				645668	650000	654332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.90	15.95	15.87	17.5	0.0
Channel				645334	650000	654666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.87	15.99	15.83	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.97	15.98	15.91	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.92	15.89	15.88	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.85	15.87	15.99	17.5	0.0

Reduced Power for DSI 3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33		
20	PI/2 BPSK	1	53	24.31	24.31	24.14	25.5	0.0
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.59	23.55		
20	PI/2 BPSK	1	53	23.56	23.58	23.57	25.5	0.0
20	PI/2 BPSK	1	104	23.53	23.52	23.56		
20	PI/2 BPSK	50	0	23.08	23.03	23.06	25.0	0.5
20	PI/2 BPSK	50	28	23.54	23.57	23.56	25.5	0.0
20	PI/2 BPSK	50	56	23.09	23.12	23.08	25.0	0.5
20	PI/2 BPSK	100	0	23.03	23.10	23.09		
20	QPSK	1	1	23.56	23.62	23.59	25.5	0.0
20	QPSK	1	53	23.54	23.60	23.55		
20	QPSK	1	104	23.51	23.58	23.53		
20	QPSK	50	0	22.51	22.53	22.51	24.5	1.0
20	QPSK	50	28	23.52	23.60	23.51	25.5	0.0
20	QPSK	50	56	22.59	22.51	22.51	24.5	1.0
20	QPSK	100	0	22.52	22.59	22.56		
20	16QAM	1	1	23.36	23.42	23.35	24.5	1.0
20	64QAM	1	1	22.05	22.16	21.97	23.0	2.5
20	256QAM	1	1	19.04	19.23	19.10	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.51	23.56	23.53	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.50	23.54	23.52	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.52	23.55	23.55	25.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.94	22.95	22.76		
50	PI/2 BPSK	1	135	22.88	22.99	22.97	24.5	0.0
50	PI/2 BPSK	1	268	22.95	22.95	22.91		
50	PI/2 BPSK	135	0	22.31	22.31	22.28	24.0	0.5
50	PI/2 BPSK	135	68	22.80	22.98	22.85	24.5	0.0
50	PI/2 BPSK	135	135	22.32	22.42	22.40	24.0	0.5
50	PI/2 BPSK	270	0	22.18	22.36	22.28		
50	QPSK	1	1	22.88	23.03	22.81	24.5	0.0
50	QPSK	1	135	22.86	22.94	22.75		
50	QPSK	1	268	22.88	22.77	22.70		
50	QPSK	135	0	21.71	21.88	21.81	23.5	1.0
50	QPSK	135	68	22.82	22.86	22.77	24.5	0.0
50	QPSK	135	135	21.55	21.66	21.52	23.5	1.0
50	QPSK	270	0	21.82	21.89	21.78		
50	16QAM	1	1	21.66	21.77	21.76	23.5	1.0
50	64QAM	1	1	20.23	20.31	20.16	22.0	2.5
50	256QAM	1	1	18.65	18.72	18.52	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	22.78	22.98	22.79	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.79	22.97	22.77	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.81	23.01	22.73	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	22.83	22.97	22.70	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.84	22.96	22.70	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.82	22.91	22.75	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.93	22.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.41	24.52	24.40		
50	PI/2 BPSK	1	135	24.50	24.50	24.33	25.5	0.0
50	PI/2 BPSK	1	268	24.23	24.43	24.38		
50	PI/2 BPSK	135	0	24.17	24.22	24.13	25.0	0.5
50	PI/2 BPSK	135	68	24.38	24.49	24.37	25.5	0.0
50	PI/2 BPSK	135	135	24.08	24.22	24.02	25.0	0.5
50	PI/2 BPSK	270	0	24.13	24.29	24.23		
50	QPSK	1	1	24.49	24.56	24.52	25.5	0.0
50	QPSK	1	135	24.27	24.47	24.33		
50	QPSK	1	268	24.40	24.52	24.44		
50	QPSK	135	0	23.49	23.64	23.50	24.5	1.0
50	QPSK	135	68	24.46	24.51	24.44	25.5	0.0
50	QPSK	135	135	23.47	23.55	23.38	24.5	1.0
50	QPSK	270	0	23.52	23.58	23.49		
50	16QAM	1	1	23.30	23.32	23.20	24.5	1.0
50	64QAM	1	1	21.68	21.79	21.68	23.0	2.5
50	256QAM	1	1	20.18	20.37	20.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	24.40	24.52	24.47	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	24.46	24.48	24.47	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.44	24.54	24.48	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	24.41	24.47	24.44	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.45	24.53	24.42	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.38	24.49	24.47	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.38	24.52	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.62	22.79	22.66		
50	PI/2 BPSK	1	135	22.69	22.88	22.88	24.5	0.0
50	PI/2 BPSK	1	268	22.65	22.82	22.67		
50	PI/2 BPSK	135	0	22.46	22.49	22.44	24.0	0.5
50	PI/2 BPSK	135	68	23.01	23.05	23.04	24.5	0.0
50	PI/2 BPSK	135	135	22.44	22.61	22.57	24.0	0.5
50	PI/2 BPSK	270	0	22.48	22.53	22.41		
50	QPSK	1	1	23.01	23.06	22.97		
50	QPSK	1	135	22.84	22.87	22.73	24.5	0.0
50	QPSK	1	268	22.75	22.82	22.70		
50	QPSK	135	0	21.78	21.93	21.83	23.5	1.0
50	QPSK	135	68	22.72	23.04	22.71	24.5	0.0
50	QPSK	135	135	21.91	22.10	22.03	23.5	1.0
50	QPSK	270	0	21.97	22.07	22.06		
50	16QAM	1	1	21.86	21.92	21.72	23.5	1.0
50	64QAM	1	1	20.25	20.28	20.12	22.0	2.5
50	256QAM	1	1	18.64	18.76	18.74	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	22.91	23.01	22.89	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.92	22.98	22.86	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.96	23.00	22.91	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	22.99	23.00	22.87	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.98	23.03	22.88	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.90	23.00	22.95	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.97	23.02	22.93	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.16	21.25	21.12		
50	PI/2 BPSK	1	135	21.17	21.19	21.16	22.5	0.0
50	PI/2 BPSK	1	268	21.13	21.26	21.09		
50	PI/2 BPSK	135	0	21.12	21.19	21.18	22.5	0.0
50	PI/2 BPSK	135	68	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	135	135	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	270	0	21.24	21.30	21.09		
50	QPSK	1	1	21.35	21.39	21.33		
50	QPSK	1	135	21.22	21.35	21.21	22.5	0.0
50	QPSK	1	268	21.23	21.28	21.19		
50	QPSK	135	0	21.15	21.18	21.13	22.5	0.0
50	QPSK	135	68	21.26	21.32	21.23	22.5	0.0
50	QPSK	135	135	21.18	21.20	21.09	22.5	0.0
50	QPSK	270	0	21.18	21.19	21.08		
50	16QAM	1	1	21.24	21.24	21.11	22.5	0.0
50	64QAM	1	1	21.22	21.19	21.17	22.5	0.0
50	256QAM	1	1	19.74	19.76	19.63	21.0	1.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	21.20	21.29	21.25	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	21.32	21.25	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	21.29	21.27	21.26	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	21.28	21.32	21.22	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.26	21.37	21.23	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.30	21.32	21.27	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.29	21.36	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.01	22.16	22.05		
40	PI/2 BPSK	1	108	22.18	22.26	22.25	24.0	0.0
40	PI/2 BPSK	1	214	22.09	22.15	22.07		
40	PI/2 BPSK	108	0	21.56	21.56	21.53	23.5	0.5
40	PI/2 BPSK	108	54	22.22	22.31	22.29	24.0	0.0
40	PI/2 BPSK	108	108	21.63	21.66	21.58	23.5	0.5
40	PI/2 BPSK	216	0	21.65	21.70	21.70		
40	QPSK	1	1	22.22	22.32	22.23		
40	QPSK	1	108	22.04	22.14	22.21	24.0	0.0
40	QPSK	1	214	22.03	22.10	22.03		
40	QPSK	108	0	21.00	21.05	21.02	23.0	1.0
40	QPSK	108	54	22.22	22.23	22.20	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.07	21.13	21.06		
40	16QAM	1	1	21.08	21.07	21.05	23.0	1.0
40	64QAM	1	1	19.57	19.51	19.68	21.5	2.5
40	256QAM	1	1	18.26	18.26	18.21	19.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.17	22.30	22.17	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.12	22.21	22.21	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.18	22.30	22.15	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.20	22.30	22.18	24.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.16	22.24	22.13	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.14	22.30	22.20	24.0	0.0

n66_Ant 1 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.19	24.26	24.16		
40	PI/2 BPSK	1	108	24.28	24.34	24.30	25.5	0.0
40	PI/2 BPSK	1	214	24.04	24.16	24.12		
40	PI/2 BPSK	108	0	23.75	23.80	23.77	25.0	0.5
40	PI/2 BPSK	108	54	24.20	24.30	24.21	25.5	0.0
40	PI/2 BPSK	108	108	23.64	23.68	23.58	25.0	0.5
40	PI/2 BPSK	216	0	23.80	23.85	23.79		
40	QPSK	1	1	24.28	24.36	24.29		
40	QPSK	1	108	24.19	24.25	24.21	25.5	0.0
40	QPSK	1	214	24.06	24.16	24.11		
40	QPSK	108	0	23.25	23.27	23.21	24.5	1.0
40	QPSK	108	54	24.22	24.33	24.26	25.5	0.0
40	QPSK	108	108	23.06	23.16	23.12	24.5	1.0
40	QPSK	216	0	23.28	23.40	23.35		
40	16QAM	1	1	22.95	22.98	22.88	24.5	1.0
40	64QAM	1	1	21.53	21.59	21.51	23.0	2.5
40	256QAM	1	1	20.28	20.30	20.18	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	24.21	24.34	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	24.18	24.33	24.24	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	24.25	24.25	24.19	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	24.19	24.26	24.27	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	24.19	24.33	24.25	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	24.23	24.26	24.26	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.48	23.58	23.38		
40	Pi/2 BPSK	1	108	23.52	23.61	23.46	25.0	0.0
40	Pi/2 BPSK	1	214	23.29	23.48	23.35		
40	Pi/2 BPSK	108	0	22.90	22.91	22.87	24.5	0.5
40	Pi/2 BPSK	108	54	23.48	23.58	23.57	25.0	0.0
40	Pi/2 BPSK	108	108	22.98	23.04	22.96	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	23.09	23.03		
40	QPSK	1	1	23.61	23.65	23.55		
40	QPSK	1	108	23.52	23.56	23.49	25.0	0.0
40	QPSK	1	214	23.25	23.45	23.26		
40	QPSK	108	0	22.19	22.32	22.21	24.0	1.0
40	QPSK	108	54	23.46	23.51	23.41	25.0	0.0
40	QPSK	108	108	22.39	22.57	22.44	24.0	1.0
40	QPSK	216	0	22.50	22.58	22.48		
40	16QAM	1	1	22.03	22.23	22.06	24.0	1.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	2.5
40	256QAM	1	1	19.69	19.89	19.63	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1726	1746	1765	(dBm)	(dB)
30	QPSK	1	1	23.53	23.58	23.48	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1746	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.57	23.57	23.49	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.51	23.55	23.46	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.57	23.61	23.48	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.63	23.47	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.57	23.46	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.53	21.54	21.60		
40	Pi/2 BPSK	1	108	21.73	21.82	21.82	23.5	0.0
40	Pi/2 BPSK	1	214	21.51	21.61	21.65		
40	Pi/2 BPSK	108	0	21.10	21.03	21.13	23.0	0.5
40	Pi/2 BPSK	108	54	21.75	21.77	21.68	23.5	0.0
40	Pi/2 BPSK	108	108	21.19	21.10	21.16	23.0	0.5
40	Pi/2 BPSK	216	0	21.09	21.11	21.17		
40	QPSK	1	1	21.61	21.84	21.75		
40	QPSK	1	108	21.54	21.58	21.60	23.5	0.0
40	QPSK	1	214	21.50	21.55	21.55		
40	QPSK	108	0	20.50	20.57	20.52	22.5	1.0
40	QPSK	108	54	21.64	21.76	21.67	23.5	0.0
40	QPSK	108	108	20.54	20.56	20.55	22.5	1.0
40	QPSK	216	0	20.59	20.66	20.59		
40	16QAM	1	1	20.50	20.54	20.59	22.5	1.0
40	64QAM	1	1	19.07	19.08	19.09	21.0	2.5
40	256QAM	1	1	17.59	17.68	17.80	19.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1726	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.51	21.73	21.69	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.57	21.80	21.71	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.50	21.73	21.73	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.56	21.81	21.66	23.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.58	21.80	21.66	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.55	21.74	21.64	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.58	23.62	23.56		
40	Pi/2 BPSK	1	108	23.72	23.73	23.72	25.5	0.0
40	Pi/2 BPSK	1	214	23.60	23.64	23.57		
40	Pi/2 BPSK	108	0	23.03	23.02	23.09	25.0	0.5
40	Pi/2 BPSK	108	54	23.58	23.63	23.56	25.5	0.0
40	Pi/2 BPSK	108	108	23.04	23.08	23.08	25.0	0.5
40	Pi/2 BPSK	216	0	23.04	23.07	23.06		
40	QPSK	1	1	23.67	23.76	23.73		
40	QPSK	1	108	23.54	23.67	23.51	25.5	0.0
40	QPSK	1	214	23.52	23.72	23.67		
40	QPSK	108	0	22.58	22.78	22.75	24.5	1.0
40	QPSK	108	54	23.65	23.72	23.69	25.5	0.0
40	QPSK	108	108	22.55	22.65	22.53	24.5	1.0
40	QPSK	216	0	22.76	22.78	22.73		
40	16QAM	1	1	22.53	22.56	22.58	24.5	1.0
40	64QAM	1	1	21.00	21.14	21.05	23.0	2.5
40	256QAM	1	1	19.43	19.58	19.58	21.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1726	1746	1765	(dBm)	(dB)
30	QPSK	1	1	23.54	23.58	23.54	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1746	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.53	23.56	23.53	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.54	23.53	23.51	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.56	23.53	23.58	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.62	23.60	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.53	23.55	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1726	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.30	23.46	23.33	25.0	0.0
40	PI/2 BPSK	1	53	23.40	23.50	23.41		
40	PI/2 BPSK	1	104	23.33	23.33	23.28		
40	PI/2 BPSK	50	0	22.88	22.97	22.79	24.5	0.5
40	PI/2 BPSK	50	28	23.26	23.45	23.42	25.0	0.0
40	PI/2 BPSK	50	56	22.66	22.82	22.68	24.5	0.5
40	PI/2 BPSK	100	0	22.74	22.94	22.80		
40	QPSK	1	1	23.45	23.56	23.41	25.0	0.0
40	QPSK	1	53	23.40	23.45	23.40		
40	QPSK	1	104	23.19	23.22	23.03		
40	QPSK	50	0	22.45	22.53	22.46	25.0	0.0
40	QPSK	50	28	23.34	23.49	23.35		
40	QPSK	50	56	22.37	22.46	22.33		
40	QPSK	100	0	22.53	22.53	22.42	24.0	1.0
40	16QAM	1	1	22.21	22.41	22.38	24.0	1.0
40	64QAM	1	1	20.82	20.82	20.70	22.5	2.5
40	256QAM	1	1	19.16	19.33	19.22	20.5	4.5
Channel				517702	518000	518298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2588	2590.99		
30	QPSK	1	1	23.39	23.45	23.39	25.0	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2580	2607.48		
25	QPSK	1	1	23.42	23.48	23.39	25.0	0.0
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2580	2610		
20	QPSK	1	1	23.38	23.54	23.32	25.0	0.0
Channel				515502	516000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2580	2612.49		
15	QPSK	1	1	23.43	23.53	23.36	25.0	0.0
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2580	2614.98		
10	QPSK	1	1	23.43	23.51	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.36	24.58	24.49	25.7	0.0
40	PI/2 BPSK	1	53	24.53	24.56	24.51		
40	PI/2 BPSK	1	104	24.37	24.54	24.47		
40	PI/2 BPSK	50	0	23.88	24.01	23.96	25.2	0.5
40	PI/2 BPSK	50	28	24.51	24.55	24.36	25.7	0.0
40	PI/2 BPSK	50	56	23.99	24.03	24.03	25.2	0.5
40	PI/2 BPSK	100	0	23.96	24.08	23.98		
40	QPSK	1	1	24.51	24.61	24.50	25.7	0.0
40	QPSK	1	53	24.36	24.50	24.48		
40	QPSK	1	104	24.24	24.42	24.37		
40	QPSK	50	0	23.50	23.60	23.41	25.7	0.0
40	QPSK	50	28	24.49	24.60	24.41		
40	QPSK	50	56	23.48	23.62	23.54		
40	QPSK	100	0	23.52	23.58	23.44	24.7	1.0
40	16QAM	1	1	23.19	23.29	23.13	24.7	1.0
40	64QAM	1	1	21.71	21.71	21.54	23.2	2.5
40	256QAM	1	1	20.19	20.33	20.22	21.2	4.5
Channel				517702	518000	518298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2588	2590.99		
30	QPSK	1	1	24.43	24.59	24.47	25.7	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2580	2607.48		
25	QPSK	1	1	24.48	24.53	24.39	25.7	0.0
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2580	2610		
20	QPSK	1	1	24.48	24.55	24.42	25.7	0.0
Channel				515502	516000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2580	2612.49		
15	QPSK	1	1	24.41	24.57	24.44	25.7	0.0
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2580	2614.98		
10	QPSK	1	1	24.40	24.58	24.43	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.25	23.36	23.25	25.0	0.0
40	PI/2 BPSK	1	53	23.32	23.34	23.31		
40	PI/2 BPSK	1	104	23.19	23.30	23.28		
40	PI/2 BPSK	50	0	22.73	22.84	22.75	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.38	23.28	25.0	0.0
40	PI/2 BPSK	50	56	22.72	22.78	22.75	24.5	0.5
40	PI/2 BPSK	100	0	22.75	22.87	22.85		
40	QPSK	1	1	23.32	23.40	23.28	25.0	0.0
40	QPSK	1	53	23.29	23.38	23.25		
40	QPSK	1	104	23.08	23.30	23.21		
40	QPSK	50	0	22.47	22.50	22.42	25.0	0.0
40	QPSK	50	28	23.30	23.35	23.26		
40	QPSK	50	56	22.47	22.52	22.48		
40	QPSK	100	0	22.45	22.50	22.39	24.0	1.0
40	16QAM	1	1	22.43	22.48	22.36	24.0	1.0
40	64QAM	1	1	20.57	20.63	20.54	22.5	2.5
40	256QAM	1	1	19.24	19.28	19.20	20.5	4.5
Channel				517702	518000	518298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2588	2590.99		
30	QPSK	1	1	23.25	23.29	23.19	25.0	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2580	2607.48		
25	QPSK	1	1	23.25	23.38	23.19	25.0	0.0
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2580	2610		
20	QPSK	1	1	23.22	23.32	23.19	25.0	0.0
Channel				515502	516000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2580	2612.49		
15	QPSK	1	1	23.23	23.36	23.17	25.0	0.0
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2580	2614.98		
10	QPSK	1	1	23.28	23.38	23.17	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.25	20.26	20.07	21.2	0.0
40	PI/2 BPSK	1	53	20.27	20.26	20.21		
40	PI/2 BPSK	1	104	20.20	20.30	20.10		
40	PI/2 BPSK	50	0	20.19	20.31	20.14	21.2	0.0
40	PI/2 BPSK	50	28	20.15	20.34	20.16	21.2	0.0
40	PI/2 BPSK	50	56	20.27	20.32	20.12	21.2	0.0
40	PI/2 BPSK	100	0	20.25	20.24	20.17		
40	QPSK	1	1	20.33	20.37	20.24	21.2	0.0
40	QPSK	1	53	20.22	20.32	20.21		
40	QPSK	1	104	20.23	20.27	20.17		
40	QPSK	50	0	20.21	20.34	20.14	21.2	0.0
40	QPSK	50	28	20.28	20.36	20.22		
40	QPSK	50	56	20.14	20.35	20.09		
40	QPSK	100	0	20.27	20.31	20.07	21.2	0.0
40	16QAM	1	1	20.24	20.26	20.21	21.2	0.0
40	64QAM	1	1	20.21	20.22	20.14	21.2	0.0
40	256QAM	1	1	20.16	20.26	20.10	21.2	0.0
Channel				517702	518000	518298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2588	2590.99		
30	QPSK	1	1	20.17	20.21	20.15	21.2	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2580	2607.48		
25	QPSK	1	1	20.25	20.21	20.16	21.2	0.0
Channel				516000	516000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2580	2610		
20	QPSK	1	1	20.27	20.24	20.20	21.2	0.0
Channel				515502	516000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2580	2612.49		
15	QPSK	1	1	20.16	20.26	20.15	21.2	0.0
Channel				515004	516000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2580	2614.98		
10	QPSK	1	1	20.22	20.29	20.10	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.33	23.44	23.26	25.0	0.0
100	PI/2 BPSK	1	137	23.46	23.49	23.31		
100	PI/2 BPSK	1	271	23.50	23.51	23.40		
100	PI/2 BPSK	135	0	23.06	23.23	23.21	24.5	0.5
100	PI/2 BPSK	135	69	23.32	23.46	23.34	25.0	0.0
100	PI/2 BPSK	135	138	23.09	23.16	23.15	24.5	0.5
100	PI/2 BPSK	270	0	23.18	23.19	22.99		
100	QPSK	1	1	23.52	23.58	23.48	25.0	0.0
100	QPSK	1	137	23.42	23.51	23.42		
100	QPSK	1	271	23.34	23.42	23.30		
100	QPSK	135	0	22.73	22.82	22.77	25.0	0.0
100	QPSK	135	69	23.47	23.55	23.42		
100	QPSK	135	138	22.70	22.73	22.59		
100	QPSK	270	0	22.68	22.73	22.62	24.0	1.0
100	16QAM	1	1	22.33	22.47	22.32	24.0	1.0
100	64QAM	1	1	20.62	20.74	20.65	22.5	2.5
100	256QAM	1	1	19.37	19.51	19.40	20.5	4.5
Channel				507254	518598	529942	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	23.15	23.25	23.11	25.0	0.0
Channel				507254	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.13	23.27	23.08	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2551.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	23.18	23.25	23.08	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.20	23.28	23.09	25.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2501.04	2592.99	2684.98	(dBm)	(dB)
50	QPSK	1	1	23.15	23.24	23.13	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.19	23.27	23.12	25.0	0.0
Channel				502200	518598	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.19	23.29	23.14	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.14	23.28	23.13	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.22	23.30	23.13	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.21	23.26	23.11	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.50	24.51	24.39	25.7	0.0
100	PI/2 BPSK	1	137	24.50	24.53	24.53		
100	PI/2 BPSK	1	271	24.47	24.52	24.50		
100	PI/2 BPSK	135	0	24.07	24.14	23.99	25.2	0.5
100	PI/2 BPSK	135	69	24.44	24.47	24.28	25.7	0.0
100	PI/2 BPSK	135	138	24.14	24.24	24.14	25.2	0.5
100	PI/2 BPSK	270	0	24.02	24.21	24.17		
100	QPSK	1	1	24.53	24.62	24.49	25.7	0.0
100	QPSK	1	137	24.40	24.47	24.26		
100	QPSK	1	271	24.53	24.58	24.46		
100	QPSK	135	0	23.83	23.86	23.85	25.7	0.0
100	QPSK	135	69	24.49	24.52	24.43		
100	QPSK	135	138	23.71	23.84	23.72		
100	QPSK	270	0	23.72	23.82	23.76	24.7	1.0
100	16QAM	1	1	23.24	23.39	23.24	24.7	1.0
100	64QAM	1	1	21.73	21.88	21.85	23.2	2.5
100	256QAM	1	1	20.33	20.53	20.17	21.2	4.5
Channel				507254	518598	529942	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	24.30	24.37	24.23	25.7	0.0
Channel				507254	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2551.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	24.31	24.37	24.22	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.34	24.40	24.24	25.7	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2501.04	2592.99	2684.98	(dBm)	(dB)
50	QPSK	1	1	24.34	24.36	24.22	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				502200	518598	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.38	24.32	24.25	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.40	24.39	24.25	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.30	24.38	24.24	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.33	24.35	24.19	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.22	23.31	23.27	25.0	0.0
100	PI/2 BPSK	1	137	23.31	23.38	23.25		
100	PI/2 BPSK	1	271	23.21	23.27	23.27		
100	PI/2 BPSK	135	0	22.91	23.03	22.87	24.5	0.5
100	PI/2 BPSK	135	69	23.20	23.29	23.18	25.0	0.0
100	PI/2 BPSK	135	138	22.91	22.93	22.90	24.5	0.5
100	PI/2 BPSK	270	0	22.79	22.96	22.83		
100	QPSK	1	1	23.32	23.42	23.41	25.0	0.0
100	QPSK	1	137	23.17	23.31	23.12		
100	QPSK	1	271	23.28	23.32	23.20		
100	QPSK	135	0	22.34	22.51	22.45	25.0	0.0
100	QPSK	135	69	23.26	23.40	23.37		
100	QPSK	135	138	22.42	22.46	22.26		
100	QPSK	270	0	22.42	22.45	22.36	24.0	1.0
100	16QAM	1	1	22.19	22.23	22.06	24.0	1.0
100	64QAM	1	1	20.53	20.68	20.66	22.5	2.5
100	256QAM	1	1	19.23	19.26	19.26	20.5	4.5
Channel				507254	518598	529942	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	23.28	23.36	23.31	25.0	0.0
Channel				507254	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.25	23.40	23.32	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2551.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	23.22	23.35	23.30	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.24	23.40	23.32	25.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2501.04	2592.99	2684.98	(dBm)	(dB)
50	QPSK	1	1	23.25	23.36	23.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.27	23.36	23.38	25.0	0.0
Channel				502200	518598	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.23	23.37	23.33	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.22	23.34	23.31	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.26	23.32	23.39	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.26	23.37	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.91	20.09	20.04	21.2	0.0
100	PI/2 BPSK	1	137	19.96	20.10	19.99		
100	PI/2 BPSK	1	271	19.89	20.04	19.91		
100	PI/2 BPSK	135	0	19.91	20.04	19.90	21.2	0.0
100	PI/2 BPSK	135	69	19.98	20.04	19.94	21.2	0.0
100	PI/2 BPSK	135	138	19.99	20.05	19.91	21.2	0.0
100	PI/2 BPSK	270	0	19.89	20.05	20.04		
100	QPSK	1	1	20.19	20.30	20.17	21.2	0.0
100	QPSK	1	137	20.05	20.20	20.09		
100	QPSK	1	271	20.07	20.16	20.08		
100	QPSK	135	0	19.94	20.01	20.02	21.2	0.0
100	QPSK	135	69	20.04	20.15	20.05		
100	QPSK	135	138	20.00	20.08	20.01		
100	QPSK	270	0	20.03	20.12	19.98	21.2	0.0
100	16QAM	1	271	19.96	20.03	19.90	21.2	0.0
100	64QAM	1	271	20.02	20.02	19.95	21.2	0.0
100	256QAM	1	271	20.22	20.26	20.25	21.2	0.0
Channel				507254	518598	529942	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.99	(dBm)	(dB)
90	QPSK	1	1	20.11	20.19	20.03	21.2	0.0
Channel				507254	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.14	20.15	20.05	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2551.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.05	20.11	20.03	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.07	20.16	20.04	21.2	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2501.04	2592.99	2684.98	(dBm)	(dB)
50	QPSK	1	1	20.14	20.19	20.10	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.07	20.29	20.02	21.2	0.0
Channel				502200	518598	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.11	20.24	20.04	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.11	20.26	20.16	21.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	20.14	20.22	20.14	21.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	20.12	20.27	20.14	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.11			
100	PI/2 BPSK	1	137		24.21		25.5	0.0
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		23.56		25.0	0.5
100	PI/2 BPSK	135	69		24.04		25.5	0.0
100	PI/2 BPSK	135	138		23.37		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.13			
100	QPSK	1	137		24.24		25.5	0.0
100	QPSK	1	271		24.11			
100	QPSK	135	0		23.24			
100	QPSK	135	69		24.22		25.5	0.0
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.18		24.5	1.0
100	16QAM	1	1		23.15		24.5	1.0
100	64QAM	1	1		21.55		23.0	2.5
100	256QAM	1	1		19.37		21.0	4.5
	Channel			630000	633332	636668	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.13	24.16	23.17	25.5	0.0
	Channel			630984	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.06	24.15	23.19	25.5	0.0
	Channel			630354	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.15	24.15	23.19	25.5	0.0
	Channel			630000	633332	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.08	24.19	23.18	25.5	0.0
	Channel			629706	633332	637000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.21	23.19	25.5	0.0
	Channel			630354	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	23.20	25.5	0.0
	Channel			630000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.09	24.19	23.23	25.5	0.0
	Channel			630024	633332	636672	Tune-up limit	MPR
	Frequency (MHz)			3462.37	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.15	24.21	23.17	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.21	23.16	25.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.10	24.21	23.18	25.5	0.0
	Channel			630354	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.08	24.20	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	24.36	24.25	24.53		
100	PI/2 BPSK	1	137	24.78	24.64	24.88	26.0	0.0
100	PI/2 BPSK	1	271	24.69	24.55	24.73		
100	PI/2 BPSK	135	0	24.46	24.39	24.63	25.5	0.5
100	PI/2 BPSK	135	69	24.76	24.66	24.85	26.0	0.0
100	PI/2 BPSK	135	138	24.57	24.47	24.66	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.41	24.61		
100	QPSK	1	1	24.58	24.45	24.68		
100	QPSK	1	137	25.00	24.85	25.03	26.0	0.0
100	QPSK	1	271	24.91	24.75	24.99		
100	QPSK	135	0	24.90	24.73	24.98		
100	QPSK	135	69	24.94	24.81	24.99	26.0	0.0
100	QPSK	135	138	24.92	24.75	24.95		
100	QPSK	270	0	24.68	24.60	24.15	25.0	1.0
100	16QAM	1	1	24.30	24.12	24.30	25.0	1.0
100	64QAM	1	1	22.77	22.60	22.84	23.5	2.5
100	256QAM	1	1	20.64	20.47	20.66	21.5	4.5
	Channel			649668	656000	662332	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3840	3930.98	(dBm)	(dB)
90	QPSK	1	1	24.83	24.83	24.96	26.0	0.0
	Channel			649334	656000	662666	Tune-up limit	MPR
	Frequency (MHz)			3746.01	3840	3933.99	(dBm)	(dB)
80	QPSK	1	1	24.97	24.81	24.97	26.0	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.98	24.74	24.95	26.0	0.0
	Channel			648668	656000	663332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	24.91	24.83	24.95	26.0	0.0
	Channel			648334	656000	663666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	24.92	24.76	24.94	26.0	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.93	24.74	24.99	26.0	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.97	24.78	25.01	26.0	0.0
	Channel			647300	656000	664600	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	24.98	24.79	24.92	26.0	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.89	24.75	24.92	26.0	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.98	24.74	24.96	26.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.97	24.74	25.01	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.94			
100	PI/2 BPSK	1	137		20.99		22.5	0.0
100	PI/2 BPSK	1	271		20.86			
100	PI/2 BPSK	135	0		20.81		22.5	0.0
100	PI/2 BPSK	135	69		20.96		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.07			
100	QPSK	1	137		21.20		22.5	0.0
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.97			
100	QPSK	135	69		21.15		22.5	0.0
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.00		22.5	0.0
100	16QAM	1	1		21.00		22.5	0.0
100	64QAM	1	1		20.98		22.5	0.0
100	256QAM	1	1		19.37		21.0	1.5
	Channel			630000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.05	21.04	21.01	22.5	0.0
	Channel			630984	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.99	21.04	20.99	22.5	0.0
	Channel			630354	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.04	21.09	21.02	22.5	0.0
	Channel			630000	633332	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.00	21.08	20.98	22.5	0.0
	Channel			629706	633332	637000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.99	21.06	20.95	22.5	0.0
	Channel			630354	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.06	21.12	20.98	22.5	0.0
	Channel			630000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3462	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.02	21.05	21.03	22.5	0.0
	Channel			630024	633332	636672	Tune-up limit	MPR
	Frequency (MHz)			3462.37	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.03	21.11	21.01	22.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.00	21.04	20.99	22.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.05	21.10	21.02	22.5	0.0
	Channel			630354	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.06	21.09	21.02	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.47	21.42		
100	PI/2 BPSK	1	137	21.58	21.76	21.73	23.0	0.0
100	PI/2 BPSK	1	271	21.46	21.55	21.55		
100	PI/2 BPSK	135	0	21.70	21.75	21.70	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.68	21.67	23.0	0.0
100	PI/2 BPSK	135	138	21.51	21.65	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.52	21.70	21.58		
100	QPSK	1	1	21.46	21.46	21.46		
100	QPSK	1	137	21.88	21.80	21.97	23.0	0.0
100	QPSK	1	271	21.71	21.72	21.67		
100	QPSK	135	0	21.60	21.57	21.66		
100	QPSK	135	69	21.75	21.77	21.86	23.0	0.0
100	QPSK	135	138	21.71	21.72	21.71		
100	QPSK	270	0	21.67	21.76	21.82	23.0	0.0
100	16QAM	1	1	21.82	21.94	21.87	23.0	0.0
100	64QAM	1	1	21.61	21.84	21.83	23.0	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.5
	Channel			649668	656000	662332	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3840	3930.98	(dBm)	(dB)
90	QPSK	1	1	21.84	21.77	21.93	23.0	0.0
	Channel			649334	656000	662666	Tune-up limit	MPR
	Frequency (MHz)			3746.01	3840	3933.99	(dBm)	(dB)
80	QPSK	1	1	21.81	21.72	21.94	23.0	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.80	21.76	21.88	23.0	0.0
	Channel			648668	656000	663332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.86	21.89	21.94	23.0	0.0
	Channel			648334	656000	663666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.81	21.75	21.92	23.0	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	21.72	21.91	23.0	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.80	21.73	21.95	23.0	0.0
	Channel			647300	656000	664600	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.77	21.73	21.89	23.0	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.86	21.72	21.95	23.0	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.84	21.71	21.86	23.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.84	21.76	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.43			
100	PI/2 BPSK	1	137		22.35		23.0	0.0
100	PI/2 BPSK	1	271		22.37			
100	PI/2 BPSK	135	0		22.39		23.0	0.0
100	PI/2 BPSK	135	69		22.32		23.0	0.0
100	PI/2 BPSK	135	138		22.36		23.0	0.0
100	PI/2 BPSK	270	0		22.31			
100	QPSK	1	1		22.46			
100	QPSK	1	137		22.58		23.0	0.0
100	QPSK	1	271		22.49			
100	QPSK	135	0		22.36			
100	QPSK	135	69		22.54		23.0	0.0
100	QPSK	135	138		22.46			
100	QPSK	270	0		22.50		23.0	0.0
100	16QAM	1	1		22.34		23.0	0.0
100	64QAM	1	1		22.41		23.0	0.0
100	256QAM	1	1		21.14		21.5	1.5
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
50	QPSK	1	1	22.47	22.47	22.41	23.0	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3468.02	3499.98	3532	(dBm)	(dB)
80	QPSK	1	1	22.26	22.23	22.21	23.0	0.0
	Channel			630334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3499.98	3534.98	(dBm)	(dB)
70	QPSK	1	1	22.26	22.24	22.18	23.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3539.99	(dBm)	(dB)
60	QPSK	1	1	22.30	22.24	22.19	23.0	0.0
	Channel			631668	633332	633000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.28	22.25	22.24	23.0	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.26	22.34	22.19	23.0	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.33	22.31	22.17	23.0	0.0
	Channel			630834	633332	633832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.34	22.23	22.25	23.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.29	22.27	22.26	23.0	0.0
	Channel			630050	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.27	22.32	22.29	23.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.31	22.32	22.19	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			630000	636000	642000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	22.42	22.38	22.31		
100	PI/2 BPSK	1	137	22.36	22.46	22.38	23.0	0.0
100	PI/2 BPSK	1	271	22.30	22.43	22.44		
100	PI/2 BPSK	135	0	22.44	22.41	22.37	23.0	0.0
100	PI/2 BPSK	135	69	22.31	22.47	22.43	23.0	0.0
100	PI/2 BPSK	135	138	22.20	22.45	22.30	23.0	0.0
100	PI/2 BPSK	270	0	22.39	22.55	22.34		
100	QPSK	1	1	22.43	22.38	22.46		
100	QPSK	1	137	22.40	22.61	22.51	23.0	0.0
100	QPSK	1	271	22.39	22.49	22.42		
100	QPSK	135	0	22.30	22.30	22.40		
100	QPSK	135	69	22.42	22.58	22.46	23.0	0.0
100	QPSK	135	138	22.41	22.39	22.42		
100	QPSK	270	0	22.37	22.56	22.48	23.0	0.0
100	16QAM	1	1	22.31	22.34	22.44	23.0	0.0
100	64QAM	1	1	22.42	22.59	22.43	23.0	0.0
100	256QAM	1	1	21.03	21.05	21.00	21.5	1.5
	Channel			630668	636000	641332	Tune-up limit	MPR
	Frequency (MHz)			3748.02	3840	3931.98	(dBm)	(dB)
90	QPSK	1	1	22.28	22.43	22.27	23.0	0.0
	Channel			646334	656000	665666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.36	22.43	22.40	23.0	0.0
	Channel			646668	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.37	22.36	22.39	23.0	0.0
	Channel			646668	656000	665332	Tune-up limit	MPR
	Frequency (MHz)			3735.02	3840	3945.98	(dBm)	(dB)
60	QPSK	1	1	22.26	22.42	22.34	23.0	0.0
	Channel			646334	656000	665666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.38	22.46	22.30	23.0	0.0
	Channel			646002	656000	665998	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.35	22.50	22.30	23.0	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.37	22.48	22.34	23.0	0.0
	Channel			647336	656000	664664	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	22.36	22.49	22.39	23.0	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.29	22.38	22.31	23.0	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.30	22.42	22.33	23.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.38	22.38	22.39	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.42			
100	PI/2 BPSK	1	137		19.33		20.0	0.0
100	PI/2 BPSK	1	271		19.34			
100	PI/2 BPSK	135	0		19.43		20.0	0.0
100	PI/2 BPSK	135	69		19.32		20.0	0.0
100	PI/2 BPSK	135	138		19.40		20.0	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.46			
100	QPSK	1	137		19.59		20.0	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.45			
100	QPSK	135	69		19.47		20.0	0.0
100	QPSK	135	138		19.43			
100	QPSK	270	0		19.46		20.0	0.0
100	16QAM	1	1		19.34		20.0	0.0
100	64QAM	1	1		19.48		20.0	0.0
100	256QAM	1	1		19.53		20.0	0.0
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	19.47	19.46	19.55	20.0	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3468.02	3499.98	3532	(dBm)	(dB)
80	QPSK	1	1	19.56	19.48	19.52	20.0	0.0
	Channel			630334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3465.01	3499.98	3534.98	(dBm)	(dB)
70	QPSK	1	1	19.54	19.49	19.54	20.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3499.98	3539.99	(dBm)	(dB)
60	QPSK	1	1	19.50	19.48	19.48	20.0	0.0
	Channel			631668	633332	633000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.51	19.58	19.58	20.0	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.50	19.47	19.57	20.0	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.53	19.56	19.45	20.0	0.0
	Channel			630834	633332	633832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.51	19.52	19.48	20.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.44	19.50	19.51	20.0	0.0
	Channel			630050	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.57	19.56	19.55	20.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.56	19.45	19.47	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			630000	636000	642000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	19.46	19.45	19.40		
100	PI/2 BPSK	1	137	19.37	19.59	19.46	20.0	0.0
100	PI/2 BPSK	1	271	19.40	19.58	19.46		
100	PI/2 BPSK	135	0	19.46	19.45	19.43	20.0	0.0
100	PI/2 BPSK	135	69	19.44	19.58	19.53	20.0	0.0
100	PI/2 BPSK	135	138	19.35	19.52	19.42	20.0	0.0
100	PI/2 BPSK	270	0	19.45	19.57	19.45		
100	QPSK	1	1	19.49	19.53	19.56		
100	QPSK	1	137	19.58	19.67	19.57	20.0	0.0
100	QPSK	1	271	19.53	19.60	19.53		
100	QPSK	135	0	19.42	19.45	19.51		
100	QPSK	135	69	19.44	19.57	19.52	20.0	0.0
100	QPSK	135	138	19.43	19.48	19.47		
100	QPSK	270	0	19.35	19.51	19.49	20.0	0.0
100	16QAM	1	1	19.36	19.46	19.53	20.0	0.0
100	64QAM	1	1	19.53	19.65	19.54	20.0	0.0
100	256QAM	1	1	19.56	19.53	19.55	20.0	0.0
	Channel			630668	636000	641332	Tune-up limit	MPR
	Frequency (MHz)			3748.02	3840	3931.98	(dBm)	(dB)
90	QPSK	1	1	19.54	19.65	19.46	20.0	0.0
	Channel			646334	656000	665666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.54	19.56	20.0	0.0
	Channel			646668	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.45	19.54	19.48	20.0	0.0
	Channel			646668	656000	665332	Tune-up limit	MPR
	Frequency (MHz)			3735.02	3840	3945.98	(dBm)	(dB)
60	QPSK	1	1	19.44	19.66	19.44	20.0	0.0
	Channel			646334	656000	665666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.56	19.61	19.42	20.0	0.0
	Channel			646002	656000	665998	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.52	19.53	19.45	20.0	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.54	19.63	19.56	20.0	0.0
	Channel			647336	656000	664664	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.53	19.64	19.47	20.0	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.45	19.52	19.56	20.0	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.66	19.46	20.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.46	19.66	19.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		20.95		22.5	0.0
100	PI/2 BPSK	1	137		21.08			
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		21.07		22.5	0.0
100	PI/2 BPSK	135	69		20.88		22.5	0.0
100	PI/2 BPSK	135	138		20.89		22.5	0.0
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.08		22.5	0.0
100	QPSK	1	137		21.26			
100	QPSK	1	271		21.20			
100	QPSK	135	0		21.10		22.5	0.0
100	QPSK	135	69		21.23			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.19		22.5	0.0
100	16QAM	1	1		21.03		22.5	0.0
100	64QAM	1	1		21.10		22.5	0.0
100	256QAM	1	1		19.89		21.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3469.98	3504.99		
90	QPSK	1	1	21.01	21.04	21.13	22.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3469.98	3518		
80	QPSK	1	1	20.78	20.80	20.94	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3469.98	3514.98		
70	QPSK	1	1	20.77	20.80	21.02	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3469.98	3510.99		
60	QPSK	1	1	20.79	20.82	20.90	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3469.98	3525		
50	QPSK	1	1	20.80	20.89	20.94	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3469.98	3529.98		
40	QPSK	1	1	20.84	20.85	20.96	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.98	3534.99		
30	QPSK	1	1	20.83	20.86	20.94	22.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3469.98	3537.48		
25	QPSK	1	1	20.84	20.93	20.98	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.98	3540		
20	QPSK	1	1	20.89	20.83	21.02	22.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3469.98	3542.49		
15	QPSK	1	1	20.80	20.87	20.94	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3469.98	3544.98		
10	QPSK	1	1	20.80	20.88	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	5000		
100	PI/2 BPSK	1	1	21.58	21.88	21.70	23.5	0.0
100	PI/2 BPSK	1	137	21.47	21.76	21.74		
100	PI/2 BPSK	1	271	21.58	21.80	21.87		
100	PI/2 BPSK	135	0	21.50	21.76	21.71	23.5	0.0
100	PI/2 BPSK	135	69	21.38	21.61	21.79	23.5	0.0
100	PI/2 BPSK	135	138	21.61	21.82	21.75	23.5	0.0
100	PI/2 BPSK	270	0	21.43	21.70	21.64		
100	QPSK	1	1	21.48	21.69	21.70	23.5	0.0
100	QPSK	1	137	21.61	21.92	21.77		
100	QPSK	1	271	21.50	21.78	21.68		
100	QPSK	135	0	21.52	21.76	21.56	23.5	0.0
100	QPSK	135	69	21.63	21.88	21.81		
100	QPSK	135	138	21.54	21.81	21.74		
100	QPSK	270	0	21.63	21.86	21.78	23.5	0.0
100	16QAM	1	1	21.65	21.89	21.68	23.5	0.0
100	64QAM	1	1	21.49	21.70	21.69	23.5	0.0
100	256QAM	1	1	20.22	20.34	20.33	22.0	1.5
Channel				654668	656000	657332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.97		
90	QPSK	1	1	21.47	21.72	21.52	23.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.36	21.69	21.62	23.5	0.0
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.49	21.70	21.65	23.5	0.0
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.38	21.72	21.66	23.5	0.0
Channel				645334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.47	21.71	21.63	23.5	0.0
Channel				644000	656000	668000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.47	21.71	21.66	23.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
30	QPSK	1	1	21.38	21.60	21.56	23.5	0.0
Channel				647332	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.5	3840	3937.5		
25	QPSK	1	1	21.36	21.62	21.63	23.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.01	3840	3936.99		
20	QPSK	1	1	21.44	21.79	21.55	23.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.52	3840	3942.48		
15	QPSK	1	1	21.41	21.78	21.60	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
10	QPSK	1	1	21.40	21.68	21.58	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.96			
100	PI/2 BPSK	1	137		17.93		19.5	0.0
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.01		19.5	0.0
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.94		19.5	0.0
100	PI/2 BPSK	270	0		18.03			
100	QPSK	1	1		18.06			
100	QPSK	1	137		18.10		19.5	0.0
100	QPSK	1	271		18.14			
100	QPSK	135	0		17.96			
100	QPSK	135	69		18.16		19.5	0.0
100	QPSK	135	138		17.95			
100	QPSK	270	0		18.00		19.5	0.0
100	16QAM	1	1		17.93		19.5	0.0
100	64QAM	1	1		18.13		19.5	0.0
100	256QAM	1	1		18.17		19.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	18.06	18.16	18.18	19.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3486.02	3499.98	3513	(dBm)	(dB)
80	QPSK	1	1	18.10	18.04	18.07	19.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.11	18.06	18.05	19.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.11	18.11	18.11	19.5	0.0
Channel				627334	633332	639330	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.16	18.05	18.05	19.5	0.0
Channel				633334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.13	18.15	18.05	19.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.08	18.13	18.10	19.5	0.0
Channel				636834	633332	636832	Tune-up limit	MPR
Frequency (MHz)				3482.51	3499.98	3517.48	(dBm)	(dB)
25	QPSK	1	1	18.13	18.08	18.04	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3486.02	3499.98	3514	(dBm)	(dB)
20	QPSK	1	1	18.06	18.19	18.06	19.5	0.0
Channel				630060	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3467.5	3499.98	3532.48	(dBm)	(dB)
15	QPSK	1	1	18.15	18.12	18.09	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.98	(dBm)	(dB)
10	QPSK	1	1	18.18	18.15	18.11	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.61	18.94	18.83		
100	PI/2 BPSK	1	137	18.55	18.90	18.79	20.5	0.0
100	PI/2 BPSK	1	271	18.64	18.82	18.91		
100	PI/2 BPSK	135	0	18.65	18.86	18.83	20.5	0.0
100	PI/2 BPSK	135	69	18.52	18.66	18.82	20.5	0.0
100	PI/2 BPSK	135	138	18.65	18.89	18.82	20.5	0.0
100	PI/2 BPSK	270	0	18.53	18.78	18.79		
100	QPSK	1	1	18.59	18.73	18.90		
100	QPSK	1	137	18.60	18.95	18.94	20.5	0.0
100	QPSK	1	271	18.58	18.93	18.92		
100	QPSK	135	0	18.62	18.81	18.68		
100	QPSK	135	69	18.66	18.93	18.82	20.5	0.0
100	QPSK	135	138	18.64	18.92	18.80		
100	QPSK	270	0	18.54	18.80	18.71	20.5	0.0
100	16QAM	1	1	18.67	18.92	18.79	20.5	0.0
100	64QAM	1	1	18.57	18.82	18.81	20.5	0.0
100	256QAM	1	1	18.65	18.93	18.83	20.5	0.0
Channel				630000	636000	642000	Tune-up limit	MPR
Frequency (MHz)				3750.02	3840	3929.98	(dBm)	(dB)
90	QPSK	1	1	18.59	18.94	18.85	20.5	0.0
Channel				630334	636000	642000	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.65	18.87	18.88	20.5	0.0
Channel				636000	636000	642000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.56	18.92	18.80	20.5	0.0
Channel				636668	636000	643332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.61	18.81	18.93	20.5	0.0
Channel				636334	636000	643666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.56	18.91	18.90	20.5	0.0
Channel				640000	640000	640000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.65	18.84	18.82	20.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.54	18.82	18.84	20.5	0.0
Channel				647666	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3715.01	3840	3965.01	(dBm)	(dB)
25	QPSK	1	1	18.62	18.88	18.79	20.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.57	18.87	18.92	20.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.58	18.88	18.89	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.63	18.89	18.87	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.76			
100	PI/2 BPSK	1	137		22.78		24.0	0.0
100	PI/2 BPSK	1	271		22.75			
100	PI/2 BPSK	135	0		22.82		24.0	0.0
100	PI/2 BPSK	135	69		22.77		24.0	0.0
100	PI/2 BPSK	135	138		22.83		24.0	0.0
100	PI/2 BPSK	270	0		22.82			
100	QPSK	1	1		22.90			
100	QPSK	1	137		22.94		24.0	0.0
100	QPSK	1	271		22.93			
100	QPSK	135	0		22.84			
100	QPSK	135	69		22.93		24.0	0.0
100	QPSK	135	138		22.75			
100	QPSK	270	0		22.85		24.0	0.0
100	16QAM	1	1		22.86		24.0	0.0
100	64QAM	1	1		22.22		23.5	0.5
100	256QAM	1	1		20.11		21.5	2.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.86	22.84	22.78	24.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3486.02	3499.98	3513	(dBm)	(dB)
80	QPSK	1	1	22.87	22.83	22.81	24.0	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.84	22.89	22.82	24.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.82	22.85	22.85	24.0	0.0
Channel				627668	633332	639000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.83	22.90	22.84	24.0	0.0
Channel				633334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.86	22.84	22.76	24.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.81	22.87	22.82	24.0	0.0
Channel				636834	633332	636832	Tune-up limit	MPR
Frequency (MHz)				3482.51	3499.98	3517.48	(dBm)	(dB)
25	QPSK	1	1	22.78	22.87	22.79	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3486.02	3499.98	3514	(dBm)	(dB)
20	QPSK	1	1	22.81	22.89	22.78	24.0	0.0
Channel				636500	633332	638166	Tune-up limit	MPR
Frequency (MHz)				3487.5	3499.98	3512.48	(dBm)	(dB)
15	QPSK	1	1	22.84	22.88	22.82	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.98	(dBm)	(dB)
10	QPSK	1	1	22.83	22.85	22.84	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.19	23.12	23.24		
100	PI/2 BPSK	1	137	23.29	23.00	23.38	24.5	0.0
100	PI/2 BPSK	1	271	23.18	23.02	23.32		
100	PI/2 BPSK	135	0	23.18	23.00	23.35	24.5	0.0
100	PI/2 BPSK	135	69	23.24	23.04	23.24	24.5	0.0
100	PI/2 BPSK	135	138	23.18	23.00	23.25	24.5	0.0
100	PI/2 BPSK	270	0	23.23	23.01	23.30		
100	QPSK	1	1	23.40	23.05	23.36		
100	QPSK	1	137	23.41	23.17	23.44	24.5	0.0
100	QPSK	1	271	23.40	23.06	23.41		
100	QPSK	135	0	23.28	23.11	23.37		
100	QPSK	135	69	23.31	23.14	23.39	24.5	0.0
100	QPSK	135	138	23.17	23.01	23.27		
100	QPSK	270	0	23.20	23.09	23.29	24.5	0.0
100	16QAM	1	1	23.19	23.04	23.29	24.5	0.0
100	64QAM	1	1	22.95	22.79	23.06	24.0	0.5
100	256QAM	1	1	20.72	20.62	20.89	22.0	2.5
Channel				630668	636000	641332	Tune-up limit	MPR
Frequency (MHz)				3765.02	3840	3914.98	(dBm)	(dB)
90	QPSK	1	1	23.30	23.10	23.37	24.5	0.0
Channel				646334	656000	665666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	23.39	23.06	23.34	24.5	0.0
Channel				646668	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.36	23.06	23.33	24.5	0.0
Channel				646668	656000	665332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	23.34	23.06	23.33	24.5	0.0
Channel				646334	656000	665666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	23.38	23.13	23.35	24.5	0.0
Channel				646000	656000	666000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.30	23.08	23.40	24.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	23.31	23.09	23.34	24.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	23.35	23.09	23.35	24.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.38	23.15	23.42	24.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	23.38	23.14	23.42	24.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.37	23.14	23.37	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		19.78		21.0	0.0
100	PI/2 BPSK	1	137		19.78			
100	PI/2 BPSK	1	271		19.75			
100	PI/2 BPSK	135	0		19.76		21.0	0.0
100	PI/2 BPSK	135	69		19.75		21.0	0.0
100	PI/2 BPSK	135	138		19.75		21.0	0.0
100	PI/2 BPSK	270	0		19.71			
100	QPSK	1	1		19.72		21.0	0.0
100	QPSK	1	137		19.69			
100	QPSK	1	271		19.72			
100	QPSK	135	0		19.75		21.0	0.0
100	QPSK	135	69		19.80			
100	QPSK	135	138		19.72			
100	QPSK	270	0		19.78		21.0	0.0
100	16QAM	1	1		19.78		21.0	0.0
100	64QAM	1	1		19.82		21.0	0.0
100	256QAM	1	1		19.70		21.0	0.0
Channel				633996	633332	633996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470	3469.98	3504.99		
90	QPSK	1	1	19.79	19.79	19.76	21.0	0.0
Channel				633966	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3469.02	3469.98	3512		
80	QPSK	1	1	19.72	19.86	19.72	21.0	0.0
Channel				632324	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3469.98	3514.98		
70	QPSK	1	1	19.79	19.86	19.75	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3469.98	3516.99		
60	QPSK	1	1	19.79	19.78	19.77	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3469.98	3525		
50	QPSK	1	1	19.78	19.83	19.76	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3469.98	3529.98		
40	QPSK	1	1	19.78	19.81	19.74	21.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.98	3534.99		
30	QPSK	1	1	19.77	19.84	19.72	21.0	0.0
Channel				630004	633332	635002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3469.98	3537.48		
25	QPSK	1	1	19.81	19.79	19.68	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3469.98	3542		
20	QPSK	1	1	19.78	19.80	19.72	21.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3469.98	3542.48		
15	QPSK	1	1	19.76	19.79	19.75	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3469.98	3544.98		
10	QPSK	1	1	19.72	19.87	19.75	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	5000		
100	PI/2 BPSK	1	1	20.26	20.05	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.27	19.96	20.16		
100	PI/2 BPSK	1	271	20.15	19.90	20.19		
100	PI/2 BPSK	135	0	20.34	19.92	20.17	21.5	0.0
100	PI/2 BPSK	135	69	20.12	20.03	20.20	21.5	0.0
100	PI/2 BPSK	135	138	20.19	20.08	20.08	21.5	0.0
100	PI/2 BPSK	270	0	20.19	19.93	20.06		
100	QPSK	1	1	20.30	19.97	20.33	21.5	0.0
100	QPSK	1	137	20.36	20.39	20.28		
100	QPSK	1	271	20.24	20.09	20.22		
100	QPSK	135	0	20.26	20.02	20.10	21.5	0.0
100	QPSK	135	69	20.19	20.33	20.22		
100	QPSK	135	138	20.18	19.97	20.15		
100	QPSK	270	0	20.07	20.28	20.25	21.5	0.0
100	16QAM	1	1	20.26	19.94	20.28	21.5	0.0
100	64QAM	1	1	20.25	20.04	20.19	21.5	0.0
100	256QAM	1	1	20.13	19.96	20.12	21.5	0.0
Channel				649334	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.27	20.34	20.26	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3939.99		
80	QPSK	1	1	20.26	20.33	20.19	21.5	0.0
Channel				649666	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3945		
70	QPSK	1	1	20.31	20.30	20.20	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3840	3949.98		
60	QPSK	1	1	20.29	20.31	20.19	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3954.99		
50	QPSK	1	1	20.28	20.29	20.23	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3960		
40	QPSK	1	1	20.30	20.30	20.17	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3964.98		
30	QPSK	1	1	20.33	20.31	20.23	21.5	0.0
Channel				647332	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.5	3840	3967.5		
25	QPSK	1	1	20.31	20.30	20.21	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.01	3840	3969.99		
20	QPSK	1	1	20.33	20.30	20.18	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3787.52	3840	3972.48		
15	QPSK	1	1	20.30	20.35	20.17	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3755	3840	3975		
10	QPSK	1	1	20.34	20.33	20.26	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.00			
100	PI/2 BPSK	1	137		25.00		26.5	0.0
100	PI/2 BPSK	1	271		24.68			
100	PI/2 BPSK	135	0		24.56		26.0	0.5
100	PI/2 BPSK	135	69		24.98		26.5	0.0
100	PI/2 BPSK	135	138		24.52		26.0	0.5
100	PI/2 BPSK	270	0		24.56			
100	QPSK	1	1		25.06		26.5	0.0
100	QPSK	1	137		25.02			
100	QPSK	1	271		24.52			
100	QPSK	135	0		24.07		26.5	0.0
100	QPSK	135	69		24.89			
100	QPSK	135	138		23.89			
100	QPSK	270	0		24.05		25.5	1.0
100	16QAM	1	1		24.25		25.5	1.0
100	64QAM	1	1		22.95		24.0	2.5
100	256QAM	1	1		20.86		22.0	4.5
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	24.83	24.97	23.93	26.5	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3486.02	3499.98	3513	(dBm)	(dB)
80	QPSK	1	1	24.86	24.93	23.93	26.5	0.0
	Channel			630334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.83	24.94	23.98	26.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.91	24.93	23.91	26.5	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.90	24.89	23.89	26.5	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.88	24.93	23.92	26.5	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.85	24.97	23.97	26.5	0.0
	Channel			630834	633332	633832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	24.87	24.98	23.95	26.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3443.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.90	24.99	23.96	26.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3437.5	3499.98	3562.48	(dBm)	(dB)
15	QPSK	1	1	24.88	24.92	23.91	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3432.51	3499.98	3564.98	(dBm)	(dB)
10	QPSK	1	1	24.88	24.96	23.94	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				636000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.38			
100	PI/2 BPSK	1	137		25.32		26.5	0.0
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		25.32		26.0	0.5
100	PI/2 BPSK	135	69		25.31		26.5	0.0
100	PI/2 BPSK	135	138		25.37		26.0	0.5
100	PI/2 BPSK	270	0		25.29			
100	QPSK	1	1		25.40		26.5	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.28		26.5	0.0
100	QPSK	135	69		25.36			
100	QPSK	135	138		25.34			
100	QPSK	270	0		24.45		25.5	1.0
100	16QAM	1	1		24.41		25.5	1.0
100	64QAM	1	1		23.47		24.0	2.5
100	256QAM	1	1		21.31		22.0	4.5
	Channel			646666	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3746.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.27	25.32	24.32	26.5	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.30	24.30	26.5	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	25.31	25.34	24.35	26.5	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	25.24	25.33	24.29	26.5	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.23	25.36	24.29	26.5	0.0
	Channel			646000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.24	25.31	24.29	26.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3710.02	3750	3789.98	(dBm)	(dB)
30	QPSK	1	1	25.39	25.37	24.36	26.5	0.0
	Channel			647306	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3701.5	3750	3798.5	(dBm)	(dB)
25	QPSK	1	1	25.24	25.30	24.35	26.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3700.01	3750	3799.99	(dBm)	(dB)
20	QPSK	1	1	25.29	25.30	24.38	26.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.24	25.38	24.34	26.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.30	25.31	24.32	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		21.85			
100	PI/2 BPSK	1	137		22.00		23.5	0.0
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.76		23.5	0.0
100	PI/2 BPSK	135	69		21.78		23.5	0.0
100	PI/2 BPSK	135	138		21.81		23.5	0.0
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	1		21.95		23.5	0.0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		21.93			
100	QPSK	135	138		21.88			
100	QPSK	270	0		21.90		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		21.75		23.5	0.0
100	256QAM	1	1		20.86		22.0	1.5
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	21.87	21.94	21.89	23.5	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3486.02	3499.98	3513	(dBm)	(dB)
80	QPSK	1	1	21.94	21.94	21.82	23.5	0.0
	Channel			630334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.95	21.93	21.90	23.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.89	22.01	21.83	23.5	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.89	21.93	21.83	23.5	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.88	21.99	21.82	23.5	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.88	22.01	21.82	23.5	0.0
	Channel			630834	633332	633832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	21.94	21.98	21.85	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3443.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.89	21.97	21.90	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3437.5	3499.98	3562.48	(dBm)	(dB)
15	QPSK	1	1	21.90	21.94	21.85	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3432.51	3499.98	3564.98	(dBm)	(dB)
10	QPSK	1	1	21.91	21.96	21.89	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				636000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		22.33			
100	PI/2 BPSK	1	137		22.29		23.5	0.0
100	PI/2 BPSK	1	271		22.07			
100	PI/2 BPSK	135	0		22.25		23.5	0.0
100	PI/2 BPSK	135	69		22.26		23.5	0.0
100	PI/2 BPSK	135	138		22.22		23.5	0.0
100	PI/2 BPSK	270	0		22.21			
100	QPSK	1	1		22.18		23.5	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.24		23.5	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.26			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.31		23.5	0.0
100	64QAM	1	1		22.35		23.5	0.0
100	256QAM	1	1		21.31		22.0	1.5
	Channel			646666	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3746.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.26	22.25	22.18	23.5	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.21	22.34	22.19	23.5	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	22.26	22.27	22.23	23.5	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	22.22	22.28	22.21	23.5	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.23	22.32	22.18	23.5	0.0
	Channel			646000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.20	22.33	22.18	23.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3710.02	3750	3789.98	(dBm)	(dB)
30	QPSK	1	1	22.22	22.28	22.17	23.5	0.0
	Channel			647306	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3701.5	3750	3798.5	(dBm)	(dB)
25	QPSK	1	1	22.26	22.27	22.24	23.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3700.01	3750	3799.99	(dBm)	(dB)
20	QPSK	1	1	22.26	22.32	22.22	23.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.20	22.31	22.20	23.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.28	22.34	22.18	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.84		23.5	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		22.99		23.5	0.0
100	PI/2 BPSK	136	69		22.98		23.5	0.0
100	PI/2 BPSK	135	138		23.01		23.5	0.0
100	PI/2 BPSK	270	0		22.97			
100	QPSK	1	1		22.91		23.5	0.0
100	QPSK	1	137		23.12			
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.91		23.5	0.0
100	QPSK	135	69		23.10			
100	QPSK	135	138		22.91			
100	QPSK	270	0		23.08		23.5	0.0
100	16QAM	1	1		22.93		23.5	0.0
100	64QAM	1	1		22.90		23.5	0.0
100	256QAM	1	1		22.32		22.5	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.94	22.95	22.92	23.5	0.0
Channel				634666	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.77	22.81	22.80	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.88	22.84	22.75	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.77	22.78	22.73	23.5	0.0
Channel				631668	633332	633000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.84	22.88	22.82	23.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.75	22.84	22.86	23.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.81	22.89	22.73	23.5	0.0
Channel				630834	633332	633832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.84	22.89	22.72	23.5	0.0
Channel				630666	633332	633000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.85	22.84	22.74	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.76	22.86	22.81	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.80	22.88	22.73	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.20		23.5	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		23.09		23.5	0.0
100	PI/2 BPSK	135	69		23.12		23.5	0.0
100	PI/2 BPSK	135	138		23.12		23.5	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.16		23.5	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		23.15			
100	QPSK	135	0		23.22		23.5	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.15			
100	QPSK	270	0		23.18		23.5	0.0
100	16QAM	1	1		22.97		23.5	0.0
100	64QAM	1	1		23.16		23.5	0.0
100	256QAM	1	1		22.50		22.5	1.0
Channel				649666	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.12	23.10	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.86	22.92	22.96	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.87	23.02	23.03	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.97	22.94	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.94	22.96	23.02	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.91	22.96	22.91	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.92	22.96	22.93	23.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.88	23.01	23.04	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.91	22.92	22.90	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.94	23.04	22.95	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.94	23.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.86			
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.90		20.5	0.0
100	PI/2 BPSK	135	69		19.88		20.5	0.0
100	PI/2 BPSK	135	138		19.94		20.5	0.0
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		19.90		20.5	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.81		20.5	0.0
100	QPSK	135	69		19.95			
100	QPSK	135	138		19.83			
100	QPSK	270	0		19.97		20.5	0.0
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.84		20.5	0.0
100	256QAM	1	1		19.66		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.01	19.96	20.00	20.5	0.0
Channel				634666	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.99	19.96	19.97	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.87	19.95	19.90	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.90	19.87	19.96	20.5	0.0
Channel				631668	633332	633000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.96	19.95	19.88	20.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.97	19.99	19.90	20.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.99	19.89	20.03	20.5	0.0
Channel				630834	633332	633832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.98	19.98	19.93	20.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.01	19.91	19.88	20.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.99	20.01	19.94	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.90	19.99	19.94	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.17		20.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.13		20.5	0.0
100	PI/2 BPSK	135	69		20.15		20.5	0.0
100	PI/2 BPSK	135	138		20.17		20.5	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.23		20.5	0.0
100	QPSK	1	137		20.28			
100	QPSK	1	271		20.14			
100	QPSK	135	0		20.19		20.5	0.0
100	QPSK	135	69		20.21			
100	QPSK	135	138		20.17			
100	QPSK	270	0		20.11		20.5	0.0
100	16QAM	1	1		20.07		20.5	0.0
100	64QAM	1	1		20.12		20.5	0.0
100	256QAM	1	1		20.00		20.5	0.0
Channel				649666	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.22	20.26	20.19	20.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.15	20.20	20.26	20.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.14	20.13	20.27	20.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.21	20.13	20.26	20.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.14	20.24	20.21	20.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.14	20.24	20.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.26	20.25	20.16	20.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.22	20.15	20.13	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.16	20.25	20.18	20.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.20	20.20	20.18	20.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.25	20.25	20.18	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.05		22.5	0.0
100	PI/2 BPSK	1	137		20.90			
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		20.98		22.5	0.0
100	PI/2 BPSK	135	69		20.94		22.5	0.0
100	PI/2 BPSK	135	138		21.09		22.5	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.18		22.5	0.0
100	QPSK	1	137		21.23			
100	QPSK	1	271		21.12			
100	QPSK	135	0		21.09		22.5	0.0
100	QPSK	135	69		21.20			
100	QPSK	135	138		21.14			
100	QPSK	270	0		21.18		22.5	0.0
100	16QAM	1	1		21.03		22.5	0.0
100	64QAM	1	1		21.02		22.5	0.0
100	256QAM	1	1		20.98		22.0	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	21.04	21.05	21.08	22.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.02	3499.98	3533		
80	QPSK	1	1	20.89	20.88	20.98	22.5	0.0
Channel				634334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	20.97	20.96	21.01	22.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	20.90	20.88	20.98	22.5	0.0
Channel				633166	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.87	20.94	20.95	22.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.96	20.87	20.90	22.5	0.0
Channel				631666	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.85	20.96	20.94	22.5	0.0
Channel				630004	633332	635652	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.31	3499.98	3537.48		
25	QPSK	1	1	20.92	20.92	20.93	22.5	0.0
Channel				630668	633332	636005	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.32	3499.98	3540		
20	QPSK	1	1	20.93	20.96	20.92	22.5	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.91	20.87	20.98	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.89	20.94	20.98	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.59		23.0	0.0
100	PI/2 BPSK	1	137		21.63			
100	PI/2 BPSK	1	271		21.58			
100	PI/2 BPSK	135	0		21.67		23.0	0.0
100	PI/2 BPSK	135	69		21.65		23.0	0.0
100	PI/2 BPSK	135	138		21.68		23.0	0.0
100	PI/2 BPSK	270	0		21.46			
100	QPSK	1	1		21.51		23.0	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.53			
100	QPSK	135	0		21.53		23.0	0.0
100	QPSK	135	69		21.72			
100	QPSK	135	138		21.58			
100	QPSK	270	0		21.70		23.0	0.0
100	16QAM	1	1		21.61		23.0	0.0
100	64QAM	1	1		21.58		23.0	0.0
100	256QAM	1	1		21.22		22.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.97		
90	QPSK	1	1	21.64	21.67	21.60	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.49	21.61	21.53	23.0	0.0
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3765		
70	QPSK	1	1	21.53	21.60	21.44	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.50	21.48	21.50	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.54	21.49	21.49	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.44	21.56	21.50	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	21.44	21.50	21.42	23.0	0.0
Channel				647002	650000	652002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.3	3750	3787.5		
25	QPSK	1	1	21.49	21.48	21.46	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.58	21.61	21.43	23.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.48	21.59	21.44	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.48	21.61	21.50	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332	634000			
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	18.65			19.5	0.0
100	PI/2 BPSK	1	137	17.98				
100	PI/2 BPSK	1	271	18.00				
100	PI/2 BPSK	135	0	18.05			19.5	0.0
100	PI/2 BPSK	136	69	17.97			19.5	0.0
100	PI/2 BPSK	136	138	18.05			19.5	0.0
100	PI/2 BPSK	270	0	17.94				
100	QPSK	1	1	18.11			19.5	0.0
100	QPSK	1	137	18.18				
100	QPSK	1	271	18.09				
100	QPSK	135	0	17.97			19.5	0.0
100	QPSK	135	69	18.09				
100	QPSK	135	138	17.95				
100	QPSK	270	0	17.98			19.5	0.0
100	16QAM	1	1	18.08			19.5	0.0
100	64QAM	1	1	17.98			19.5	0.0
100	256QAM	1	1	17.96			19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	18.68	18.10	18.06	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3466.02	3499.98	3534	(dBm)	(dB)
80	QPSK	1	1	18.13	18.17	18.06	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.98	(dBm)	(dB)
70	QPSK	1	1	18.15	18.06	18.05	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3539.99	(dBm)	(dB)
60	QPSK	1	1	18.14	18.17	18.15	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3470.02	3499.98	3535	(dBm)	(dB)
50	QPSK	1	1	18.06	18.15	18.12	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.13	18.08	18.14	19.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.06	18.12	18.13	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.10	18.13	18.09	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.05	18.09	18.06	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.12	18.13	18.04	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.16	18.16	18.11	19.5	0.0

Part27O n78_PC3_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	18.77			20.0	0.0
100	PI/2 BPSK	1	137	18.86				
100	PI/2 BPSK	1	271	18.76				
100	PI/2 BPSK	135	0	18.65			20.0	0.0
100	PI/2 BPSK	135	69	18.85			20.0	0.0
100	PI/2 BPSK	135	138	18.87			20.0	0.0
100	PI/2 BPSK	270	0	18.76				
100	QPSK	1	1	18.79			20.0	0.0
100	QPSK	1	137	18.94				
100	QPSK	1	271	18.93				
100	QPSK	135	0	18.80			20.0	0.0
100	QPSK	135	69	18.89				
100	QPSK	135	138	18.85				
100	QPSK	270	0	18.82			20.0	0.0
100	16QAM	1	1	18.82			20.0	0.0
100	64QAM	1	1	18.80			20.0	0.0
100	256QAM	1	1	18.61			20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.52	3750	3750.48	(dBm)	(dB)
90	QPSK	1	1	18.86	18.92	18.91	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.99	(dBm)	(dB)
80	QPSK	1	1	18.93	18.82	18.90	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	18.92	18.91	18.91	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3750	3760.98	(dBm)	(dB)
60	QPSK	1	1	18.90	18.89	18.83	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3735.01	3750	3764.99	(dBm)	(dB)
50	QPSK	1	1	18.83	18.91	18.83	20.0	0.0
Channel				648002	650000	651998	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3769	(dBm)	(dB)
40	QPSK	1	1	18.89	18.85	18.92	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3725.02	3750	3774.98	(dBm)	(dB)
30	QPSK	1	1	18.85	18.89	18.83	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3723.8	3750	3776.3	(dBm)	(dB)
25	QPSK	1	1	18.79	18.85	18.82	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3722.01	3750	3778.99	(dBm)	(dB)
20	QPSK	1	1	18.80	18.92	18.90	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.81	18.82	18.84	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.80	18.90	18.82	20.0	0.0

Part27Q n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	22.52			24.0	0.0
100	PI/2 BPSK	1	137	22.56				
100	PI/2 BPSK	1	271	22.46				
100	PI/2 BPSK	135	0	22.45			24.0	0.0
100	PI/2 BPSK	135	69	22.39			24.0	0.0
100	PI/2 BPSK	135	138	22.51			24.0	0.0
100	PI/2 BPSK	270	0	22.47				
100	QPSK	1	1	22.55			24.0	0.0
100	QPSK	1	137	22.65				
100	QPSK	1	271	22.61				
100	QPSK	135	0	22.59			24.0	0.0
100	QPSK	135	69	22.62				
100	QPSK	135	138	22.69				
100	QPSK	270	0	22.58			24.0	0.0
100	16QAM	1	1	22.56			24.0	0.0
100	64QAM	1	1	22.43			24.0	0.0
100	256QAM	1	1	21.42			22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.56	22.59	22.50	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3466.02	3499.98	3534	(dBm)	(dB)
80	QPSK	1	1	22.49	22.45	22.30	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.98	(dBm)	(dB)
70	QPSK	1	1	22.44	22.35	22.42	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3539.99	(dBm)	(dB)
60	QPSK	1	1	22.45	22.37	22.40	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3470.02	3499.98	3535	(dBm)	(dB)
50	QPSK	1	1	22.39	22.36	22.43	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.41	22.41	22.33	24.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.50	22.45	22.37	24.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.36	22.33	22.39	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.47	22.33	22.43	24.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.43	22.37	22.44	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.41	22.39	22.33	24.0	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	22.75			24.5	0.0
100	PI/2 BPSK	1	137	22.85				
100	PI/2 BPSK	1	271	22.88				
100	PI/2 BPSK	135	0	22.89			24.5	0.0
100	PI/2 BPSK	135	69	22.78			24.5	0.0
100	PI/2 BPSK	135	138	22.91			24.5	0.0
100	PI/2 BPSK	270	0	22.80				
100	QPSK	1	1	22.97			24.5	0.0
100	QPSK	1	137	22.98				
100	QPSK	1	271	22.91				
100	QPSK	135	0	22.82			24.5	0.0
100	QPSK	135	69	22.85				
100	QPSK	135	138	22.80				
100	QPSK	270	0	22.91			24.5	0.0
100	16QAM	1	1	22.85			24.5	0.0
100	64QAM	1	1	22.98			24.5	0.0
100	256QAM	1	1	22.13			23.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.52	3750	3750.48	(dBm)	(dB)
90	QPSK	1	1	22.84	22.92	22.80	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3749.01	3750	3750.99	(dBm)	(dB)
80	QPSK	1	1	22.81	22.68	22.36	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	22.76	22.74	22.31	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3750	3760.98	(dBm)	(dB)
60	QPSK	1	1	22.78	22.68	22.39	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3735.01	3750	3764.99	(dBm)	(dB)
50	QPSK	1	1	22.78	22.73	22.38	24.5	0.0
Channel				648002	650000	651998	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3769	(dBm)	(dB)
40	QPSK	1	1	22.76	22.65	22.31	24.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3725.02	3750	3774.98	(dBm)	(dB)
30	QPSK	1	1	22.79	22.61	22.40	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3723.8	3750	3776.3	(dBm)	(dB)
25	QPSK	1	1	22.72	22.70	22.39	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3722.01	3750	3778.99	(dBm)	(dB)
20	QPSK	1	1	22.76	22.66	22.31	24.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.77	22.74	22.32	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.85	22.68	22.44	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.33		21.0	0.0
100	PI/2 BPSK	1	137		19.41			
100	PI/2 BPSK	1	271		19.41			
100	PI/2 BPSK	135	0		19.35		21.0	0.0
100	PI/2 BPSK	136	69		19.34		21.0	0.0
100	PI/2 BPSK	136	138		19.41		21.0	0.0
100	PI/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.50		21.0	0.0
100	QPSK	1	137		19.50			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.45		21.0	0.0
100	QPSK	135	69		19.48			
100	QPSK	136	138		19.44			
100	QPSK	270	0		19.40		21.0	0.0
100	16QAM	1	1		19.45		21.0	0.0
100	64QAM	1	1		19.36		21.0	0.0
100	256QAM	1	1		19.31		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.36	19.45	19.43	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3507	(dBm)	(dB)
80	QPSK	1	1	19.42	19.37	19.39	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3490.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.37	19.45	19.46	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.38	19.40	19.35	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.43	19.43	19.47	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.41	19.42	19.45	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.49	19.44	19.37	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.39	19.41	19.40	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.45	19.41	19.41	21.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.49	19.42	19.45	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.43	19.36	19.47	21.0	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.84		21.5	0.0
100	PI/2 BPSK	1	137		19.89			
100	PI/2 BPSK	1	271		19.92			
100	PI/2 BPSK	135	0		19.95		21.5	0.0
100	PI/2 BPSK	135	69		19.94		21.5	0.0
100	PI/2 BPSK	135	138		19.96		21.5	0.0
100	PI/2 BPSK	270	0		19.93			
100	QPSK	1	1		19.96		21.5	0.0
100	QPSK	1	137		19.99			
100	QPSK	1	271		19.88			
100	QPSK	135	0		19.85		21.5	0.0
100	QPSK	135	69		19.98			
100	QPSK	135	138		19.87			
100	QPSK	270	0		19.93		21.5	0.0
100	16QAM	1	1		19.93		21.5	0.0
100	64QAM	1	1		19.96		21.5	0.0
100	256QAM	1	1		19.96		21.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.95	19.92	19.98	21.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.84	19.96	19.95	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	19.92	19.93	19.99	21.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3726.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.95	19.97	19.91	21.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.85	19.87	19.84	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.91	19.87	19.88	21.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.91	19.88	19.93	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.91	19.85	19.98	21.5	0.0
Channel				647334	650000	652665	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.85	19.98	19.99	21.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.97	19.93	19.87	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.85	19.93	19.97	21.5	0.0

Reduced Power for DSI 4

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	834.5	835		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	834.5	835		
20	PI/2 BPSK	1	1	20.89	20.64	20.69	22.5	0.0
20	PI/2 BPSK	1	53	20.59	20.62	20.57		
20	PI/2 BPSK	1	104	20.50	20.57	20.50		
20	PI/2 BPSK	50	0	20.69	20.68	20.63	22.5	0.0
20	PI/2 BPSK	50	28	20.66	20.55	20.69	22.5	0.0
20	PI/2 BPSK	50	56	20.65	20.71	20.68	22.5	0.0
20	PI/2 BPSK	100	0	20.57	20.63	20.68		
20	QPSK	1	1	20.66	20.71	20.69	22.5	0.0
20	QPSK	1	53	20.60	20.62	20.68		
20	QPSK	1	104	20.55	20.61	20.51		
20	QPSK	50	0	20.62	20.65	20.63	22.5	0.0
20	QPSK	50	28	20.68	20.69	20.67	22.5	0.0
20	QPSK	50	56	20.63	20.61	20.57	22.5	0.0
20	QPSK	100	0	20.63	20.66	20.59		
20	16QAM	1	1	20.63	20.54	20.69	22.5	0.0
20	64QAM	1	1	20.61	20.65	20.50	22.5	0.0
20	256QAM	1	1	19.11	19.26	19.09	21.0	1.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	20.51	20.53	20.71	22.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	20.53	20.70	20.72	22.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	20.52	20.67	20.60	22.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2535	2535	2545		
50	PI/2 BPSK	1	1	16.70	16.79	16.70	18.5	0.0
50	PI/2 BPSK	1	135	16.74	16.78	16.80		
50	PI/2 BPSK	1	268	16.72	16.79	16.78		
50	PI/2 BPSK	135	0	16.72	16.77	16.70	18.5	0.0
50	PI/2 BPSK	135	68	16.71	16.79	16.71	18.5	0.0
50	PI/2 BPSK	135	135	16.72	16.77	16.69	18.5	0.0
50	PI/2 BPSK	270	0	16.72	16.78	16.70		
50	QPSK	1	1	16.82	16.89	16.81	18.5	0.0
50	QPSK	1	135	16.70	16.77	16.69		
50	QPSK	1	268	16.70	16.77	16.71		
50	QPSK	135	0	16.70	16.78	16.68	18.5	0.0
50	QPSK	135	68	16.72	16.82	16.71	18.5	0.0
50	QPSK	135	135	16.71	16.78	16.64	18.5	0.0
50	QPSK	270	0	16.71	16.78	16.71		
50	16QAM	1	1	16.72	16.78	16.71	18.5	0.0
50	64QAM	1	1	16.71	16.77	16.70	18.5	0.0
50	256QAM	1	1	16.71	16.77	16.70	18.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	16.71	16.79	16.71	18.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	16.70	16.78	16.71	18.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	16.71	16.77	16.71	18.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.70	16.77	16.69	18.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	16.72	16.77	16.70	18.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	16.72	16.78	16.69	18.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	16.72	16.79	16.70	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2535	2535	2545		
50	PI/2 BPSK	1	1	20.25	20.28	20.32	21.5	0.0
50	PI/2 BPSK	1	135	20.27	20.39	20.40		
50	PI/2 BPSK	1	268	20.34	20.32	20.39		
50	PI/2 BPSK	135	0	20.37	20.42	20.30	21.5	0.0
50	PI/2 BPSK	135	68	20.34	20.34	20.32	21.5	0.0
50	PI/2 BPSK	135	135	20.39	20.28	20.42	21.5	0.0
50	PI/2 BPSK	270	0	20.25	20.33	20.38		
50	QPSK	1	1	20.41	20.49	20.48	21.5	0.0
50	QPSK	1	135	20.28	20.33	20.47		
50	QPSK	1	268	20.28	20.38	20.45		
50	QPSK	135	0	20.29	20.28	20.39	21.5	0.0
50	QPSK	135	68	20.39	20.48	20.43	21.5	0.0
50	QPSK	135	135	20.30	20.36	20.40	21.5	0.0
50	QPSK	270	0	20.34	20.36	20.30		
50	16QAM	1	1	20.31	20.42	20.38	21.5	0.0
50	64QAM	1	1	20.38	20.35	20.32	21.5	0.0
50	256QAM	1	1	19.77	19.86	19.90	21.0	0.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	20.30	20.33	20.43	21.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.30	20.45	20.34	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.38	20.38	20.42	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	20.38	20.45	20.34	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.34	20.47	20.37	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.38	20.34	20.45	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.40	20.39	20.37	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2528	2535	2545		
50	PI/2 BPSK	1	1	17.94	17.92	17.91		
50	PI/2 BPSK	1	135	17.92	17.91	17.95	19.5	0.0
50	PI/2 BPSK	1	268	17.93	17.96	17.90		
50	PI/2 BPSK	135	0	17.87	17.85	17.92	19.5	0.0
50	PI/2 BPSK	135	68	17.92	17.85	17.90	19.5	0.0
50	PI/2 BPSK	135	135	17.94	17.93	17.92	19.5	0.0
50	PI/2 BPSK	270	0	17.83	17.78	17.93		
50	QPSK	1	1	17.93	17.98	17.92		
50	QPSK	1	135	17.92	17.89	17.87	19.5	0.0
50	QPSK	1	268	17.88	17.88	17.83		
50	QPSK	135	0	17.90	17.85	17.84	19.5	0.0
50	QPSK	135	68	17.91	17.95	17.90	19.5	0.0
50	QPSK	135	135	17.84	17.84	17.83	19.5	0.0
50	QPSK	270	0	17.83	17.89	17.87		
50	16QAM	1	1	17.88	17.83	17.78	19.5	0.0
50	64QAM	1	1	17.96	17.74	17.88	19.5	0.0
50	256QAM	1	1	17.88	17.91	17.92	19.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2522	2535	2550	(dBm)	(dB)
40	QPSK	1	1	17.73	17.70	17.71	19.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.74	17.71	17.69	19.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.72	17.71	17.69	19.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	17.73	17.72	17.71	19.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.72	17.72	17.70	19.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.74	17.70	17.69	19.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.72	17.70	17.71	19.5	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2528	2535	2545		
50	PI/2 BPSK	1	1	18.37	18.40	18.31		
50	PI/2 BPSK	1	135	18.38	18.38	18.30	19.5	0.0
50	PI/2 BPSK	1	268	18.38	18.38	18.31		
50	PI/2 BPSK	135	0	18.37	18.38	18.32	19.5	0.0
50	PI/2 BPSK	135	68	18.38	18.40	18.32	19.5	0.0
50	PI/2 BPSK	135	135	18.36	18.40	18.32	19.5	0.0
50	PI/2 BPSK	270	0	18.37	18.39	18.30		
50	QPSK	1	1	18.48	18.50	18.42		
50	QPSK	1	135	18.38	18.39	18.31	19.5	0.0
50	QPSK	1	268	18.36	18.40	18.31		
50	QPSK	135	0	18.37	18.36	18.31	19.5	0.0
50	QPSK	135	68	18.38	18.47	18.32	19.5	0.0
50	QPSK	135	135	18.37	18.39	18.29	19.5	0.0
50	QPSK	270	0	18.36	18.40	18.30		
50	16QAM	1	1	18.37	18.40	18.32	19.5	0.0
50	64QAM	1	1	18.37	18.39	18.30	19.5	0.0
50	256QAM	1	1	18.37	18.40	18.32	19.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	18.23	18.25	18.16	19.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	18.22	18.24	18.15	19.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	18.21	18.23	18.15	19.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	18.22	18.24	18.16	19.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	18.21	18.25	18.17	19.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	18.22	18.24	18.16	19.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	18.22	18.24	18.16	19.5	0.0

n66_Ant 1 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1720	1745	1760		
40	PI/2 BPSK	1	1	14.76	14.77	14.63		
40	PI/2 BPSK	1	108	14.75	14.78	14.65	16.5	0.0
40	PI/2 BPSK	1	214	14.76	14.78	14.63		
40	PI/2 BPSK	108	0	14.75	14.77	14.63	16.5	0.0
40	PI/2 BPSK	108	54	14.75	14.76	14.64	16.5	0.0
40	PI/2 BPSK	108	108	14.75	14.78	14.63	16.5	0.0
40	PI/2 BPSK	216	0	14.76	14.76	14.63		
40	QPSK	1	1	14.86	14.88	14.75		
40	QPSK	1	108	14.74	14.76	14.64	16.5	0.0
40	QPSK	1	214	14.74	14.77	14.65		
40	QPSK	108	0	14.75	14.76	14.65	16.5	0.0
40	QPSK	108	54	14.76	14.83	14.66	16.5	0.0
40	QPSK	108	108	14.65	14.77	14.61	16.5	0.0
40	QPSK	216	0	14.75	14.76	14.63		
40	16QAM	1	1	14.75	14.78	14.63	16.5	0.0
40	64QAM	1	1	14.76	14.78	14.64	16.5	0.0
40	256QAM	1	1	14.76	14.78	14.64	16.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	14.76	14.78	14.64	16.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	14.74	14.76	14.63	16.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	14.75	14.77	14.64	16.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	14.74	14.78	14.64	16.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	14.76	14.78	14.64	16.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	14.76	14.77	14.64	16.5	0.0

n66_Ant 1 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1720	1745	1760		
40	PI/2 BPSK	1	1	16.80	16.86	16.86		
40	PI/2 BPSK	1	108	16.87	16.99	17.01	18.0	0.0
40	PI/2 BPSK	1	214	16.68	16.76	16.74		
40	PI/2 BPSK	108	0	16.97	16.94	16.88	18.0	0.0
40	PI/2 BPSK	108	54	16.83	16.88	16.86	18.0	0.0
40	PI/2 BPSK	108	108	16.75	16.84	16.79	18.0	0.0
40	PI/2 BPSK	216	0	16.90	16.99	16.97		
40	QPSK	1	1	16.94	17.02	16.87		
40	QPSK	1	108	16.90	16.88	16.82	18.0	0.0
40	QPSK	1	214	16.71	16.74	16.81		
40	QPSK	108	0	16.89	16.94	16.86	18.0	0.0
40	QPSK	108	54	16.93	17.00	16.97	18.0	0.0
40	QPSK	108	108	16.70	16.82	16.75	18.0	0.0
40	QPSK	216	0	16.93	16.98	16.95		
40	16QAM	1	1	16.55	16.65	16.57	18.0	0.0
40	64QAM	1	1	16.67	16.77	16.60	18.0	0.0
40	256QAM	1	1	16.94	16.91	16.76	18.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	16.76	16.81	16.69	18.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	16.73	16.78	16.62	18.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	16.77	16.78	16.69	18.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	16.69	16.78	16.63	18.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	16.75	16.84	16.69	18.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	16.77	16.79	16.61	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	19.38	19.49	19.19		
40	Pi/2 BPSK	1	108	19.38	19.51	19.14	21.0	0.0
40	Pi/2 BPSK	1	214	19.27	19.47	19.14		
40	Pi/2 BPSK	108	0	19.30	19.42	19.14	21.0	0.0
40	Pi/2 BPSK	108	54	19.39	19.44	19.14	21.0	0.0
40	Pi/2 BPSK	108	108	19.32	19.42	19.12	21.0	0.0
40	Pi/2 BPSK	216	0	19.34	19.49	19.20		
40	QPSK	1	1	19.51	19.55	19.35	21.0	0.0
40	QPSK	1	108	19.38	19.54	19.27		
40	QPSK	1	214	19.42	19.43	19.31		
40	QPSK	108	0	19.40	19.41	19.14	21.0	0.0
40	QPSK	108	54	19.50	19.50	19.28	21.0	0.0
40	QPSK	108	108	19.30	19.41	19.24	21.0	0.0
40	QPSK	216	0	19.28	19.44	19.20		
40	16QAM	1	1	19.41	19.44	19.12	21.0	0.0
40	64QAM	1	1	19.29	19.48	19.12	21.0	0.0
40	256QAM	1	1	18.81	18.94	18.70	20.5	0.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.48	19.54	19.30	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	19.45	19.50	19.33	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	19.46	19.49	19.34	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	19.38	19.41	19.34	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.40	19.49	19.23	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	19.37	19.46	19.25	21.0	0.0

n66_Ant 3 Main PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	18.05	18.11	18.05		
40	Pi/2 BPSK	1	108	18.03	18.10	18.06	20.0	0.0
40	Pi/2 BPSK	1	214	18.05	18.11	18.04		
40	Pi/2 BPSK	108	0	18.05	18.10	18.05	20.0	0.0
40	Pi/2 BPSK	108	54	18.05	18.11	18.05	20.0	0.0
40	Pi/2 BPSK	108	108	18.04	18.12	18.05	20.0	0.0
40	Pi/2 BPSK	216	0	18.04	18.10	18.04		
40	QPSK	1	1	18.15	18.22	18.16		
40	QPSK	1	108	18.03	18.12	18.06	20.0	0.0
40	QPSK	1	214	18.05	18.10	18.04		
40	QPSK	108	0	18.03	18.11	18.05	20.0	0.0
40	QPSK	108	54	18.09	18.15	18.06	20.0	0.0
40	QPSK	108	108	18.05	18.12	18.05	20.0	0.0
40	QPSK	216	0	18.05	18.11	18.04		
40	16QAM	1	1	18.05	18.12	18.05	20.0	0.0
40	64QAM	1	1	18.02	18.08	18.09	20.0	0.0
40	256QAM	1	1	17.48	17.56	17.53	19.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	18.05	18.11	18.04	20.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	18.03	18.11	18.04	20.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	18.04	18.12	18.04	20.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	18.05	18.10	18.06	20.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	18.03	18.11	18.04	20.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	18.04	18.12	18.05	20.0	0.0

n66_Ant 3 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	20.15	20.08	20.13		
40	Pi/2 BPSK	1	108	20.17	20.18	20.21	22.0	0.0
40	Pi/2 BPSK	1	214	20.09	20.15	20.06		
40	Pi/2 BPSK	108	0	19.99	20.07	20.12	22.0	0.0
40	Pi/2 BPSK	108	54	20.06	20.17	19.99	22.0	0.0
40	Pi/2 BPSK	108	108	20.04	20.10	20.03	22.0	0.0
40	Pi/2 BPSK	216	0	20.05	20.03	20.06		
40	QPSK	1	1	20.19	20.33	20.25		
40	QPSK	1	108	19.98	20.23	20.06	22.0	0.0
40	QPSK	1	214	19.99	20.24	20.20		
40	QPSK	108	0	20.15	20.16	20.16	22.0	0.0
40	QPSK	108	54	20.16	20.30	20.29	22.0	0.0
40	QPSK	108	108	20.07	20.19	19.98	22.0	0.0
40	QPSK	216	0	20.25	20.28	20.24		
40	16QAM	1	1	20.01	20.07	20.11	22.0	0.0
40	64QAM	1	1	20.05	20.16	20.00	22.0	0.0
40	256QAM	1	1	19.43	19.61	19.63	21.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.15	20.26	20.21	22.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	20.08	20.23	20.23	22.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.11	20.29	20.20	22.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.17	20.22	20.15	22.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	20.08	20.30	20.29	22.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	20.17	20.23	20.23	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.79	16.86	16.78	18.5	0.0
40	PI/2 BPSK	1	53	16.79	16.85	16.77		
40	PI/2 BPSK	1	104	16.77	16.87	16.78		
40	PI/2 BPSK	50	0	16.77	16.87	16.76	18.5	0.0
40	PI/2 BPSK	50	28	16.77	16.86	16.77	18.5	0.0
40	PI/2 BPSK	50	56	16.78	16.86	16.78	18.5	0.0
40	PI/2 BPSK	100	0	16.77	16.86	16.76		
40	QPSK	1	1	16.89	16.98	16.88	18.5	0.0
40	QPSK	1	53	16.79	16.87	16.78		
40	QPSK	1	104	16.79	16.88	16.76		
40	QPSK	50	0	16.80	16.85	16.71	18.5	0.0
40	QPSK	50	28	16.81	16.88	16.77		
40	QPSK	50	56	16.79	16.82	16.71		
40	QPSK	100	0	16.78	16.84	16.77	18.5	0.0
40	16QAM	1	1	16.79	16.88	16.77	18.5	0.0
40	64QAM	1	1	16.79	16.86	16.76	18.5	0.0
40	256QAM	1	1	16.77	16.86	16.76	18.5	0.0
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.77	16.86	16.77	18.5	0.0
Channel				516994	516993	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2583.52	2593	2607.48		
25	QPSK	1	1	16.78	16.87	16.77	18.5	0.0
Channel				516990	516993	520990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2593	2610		
20	QPSK	1	1	16.77	16.87	16.76	18.5	0.0
Channel				515982	516993	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2593	2612.49		
15	QPSK	1	1	16.78	16.87	16.77	18.5	0.0
Channel				516974	516973	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2593	2614.98		
10	QPSK	1	1	16.77	16.87	16.78	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.63	18.79	18.79	20.2	0.0
40	PI/2 BPSK	1	53	18.67	18.89	18.83		
40	PI/2 BPSK	1	104	18.70	18.90	18.89		
40	PI/2 BPSK	50	0	18.65	18.79	18.84	20.2	0.0
40	PI/2 BPSK	50	28	18.67	18.82	18.82	20.2	0.0
40	PI/2 BPSK	50	56	18.72	18.92	18.77	20.2	0.0
40	PI/2 BPSK	100	0	18.71	18.88	18.82		
40	QPSK	1	1	18.92	18.98	18.93	20.2	0.0
40	QPSK	1	53	18.79	18.91	18.87		
40	QPSK	1	104	18.82	18.95	18.82		
40	QPSK	50	0	18.77	18.90	18.79	20.2	0.0
40	QPSK	50	28	18.78	18.94	18.90		
40	QPSK	50	56	18.67	18.89	18.88		
40	QPSK	100	0	18.66	18.91	18.85	20.2	0.0
40	16QAM	1	1	18.72	18.93	18.79	20.2	0.0
40	64QAM	1	1	18.69	18.88	18.85	20.2	0.0
40	256QAM	1	1	18.72	18.86	18.75	20.2	0.0
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.77	18.99	18.80	20.2	0.0
Channel				516994	516993	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2583.52	2593	2607.48		
25	QPSK	1	1	18.79	18.89	18.84	20.2	0.0
Channel				516990	516993	520990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2593	2610		
20	QPSK	1	1	18.88	18.89	18.86	20.2	0.0
Channel				515982	516993	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2593	2612.49		
15	QPSK	1	1	18.79	18.89	18.89	20.2	0.0
Channel				516974	516973	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2593	2614.98		
10	QPSK	1	1	18.89	19.00	18.82	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.04	17.11	17.03	19.0	0.0
40	PI/2 BPSK	1	53	17.06	17.11	17.03		
40	PI/2 BPSK	1	104	17.02	17.10	17.04		
40	PI/2 BPSK	50	0	17.15	17.09	17.08	19.0	0.0
40	PI/2 BPSK	50	28	17.03	17.11	17.12	19.0	0.0
40	PI/2 BPSK	50	56	17.02	17.09	17.03	19.0	0.0
40	PI/2 BPSK	100	0	17.08	17.11	17.04		
40	QPSK	1	1	17.14	17.21	17.15	19.0	0.0
40	QPSK	1	53	17.02	17.09	17.03		
40	QPSK	1	104	17.03	17.08	17.04		
40	QPSK	50	0	17.00	17.10	17.06	19.0	0.0
40	QPSK	50	28	17.03	17.11	17.08		
40	QPSK	50	56	17.00	17.05	17.03		
40	QPSK	100	0	17.02	17.09	17.04	19.0	0.0
40	16QAM	1	1	17.03	17.09	17.03	19.0	0.0
40	64QAM	1	1	17.02	17.11	17.05	19.0	0.0
40	256QAM	1	1	17.02	17.09	17.03	19.0	0.0
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.04	17.10	17.05	19.0	0.0
Channel				516994	516993	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2583.52	2593	2607.48		
25	QPSK	1	1	17.02	17.15	17.03	19.0	0.0
Channel				516990	516993	520990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2593	2610		
20	QPSK	1	1	17.02	17.11	17.04	19.0	0.0
Channel				515982	516993	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2593	2612.49		
15	QPSK	1	1	17.04	17.08	17.04	19.0	0.0
Channel				516974	516973	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2593	2614.98		
10	QPSK	1	1	17.02	17.10	17.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.58	16.67	16.69	17.7	0.0
40	PI/2 BPSK	1	53	16.54	16.68	16.63		
40	PI/2 BPSK	1	104	16.59	16.62	16.60		
40	PI/2 BPSK	50	0	16.58	16.59	16.65	17.7	0.0
40	PI/2 BPSK	50	28	16.60	16.58	16.54	17.7	0.0
40	PI/2 BPSK	50	56	16.61	16.66	16.65	17.7	0.0
40	PI/2 BPSK	100	0	16.58	16.67	16.65		
40	QPSK	1	1	16.70	16.78	16.75	17.7	0.0
40	QPSK	1	53	16.58	16.57	16.64		
40	QPSK	1	104	16.58	16.62	16.65		
40	QPSK	50	0	16.58	16.66	16.64	17.7	0.0
40	QPSK	50	28	16.60	16.58	16.67		
40	QPSK	50	56	16.59	16.67	16.64		
40	QPSK	100	0	16.58	16.66	16.65	17.7	0.0
40	16QAM	1	1	16.51	16.68	16.64	17.7	0.0
40	64QAM	1	1	16.59	16.67	16.63	17.7	0.0
40	256QAM	1	1	16.58	16.67	16.65	17.7	0.0
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.55	16.65	16.60	17.7	0.0
Channel				516994	516993	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2583.52	2593	2607.48		
25	QPSK	1	1	16.57	16.68	16.62	17.7	0.0
Channel				516990	516993	520990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2593	2610		
20	QPSK	1	1	16.57	16.66	16.65	17.7	0.0
Channel				515982	516993	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2593	2612.49		
15	QPSK	1	1	16.59	16.65	16.61	17.7	0.0
Channel				516974	516973	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2593	2614.98		
10	QPSK	1	1	16.59	16.67	16.61	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.05	17.09	17.04	18.5	0.0
100	PI/2 BPSK	1	137	16.99	16.97	16.89		
100	PI/2 BPSK	1	271	17.01	17.03	16.95		
100	PI/2 BPSK	135	0	17.10	17.07	16.90	18.5	0.0
100	PI/2 BPSK	135	69	17.09	17.08	17.06	18.5	0.0
100	PI/2 BPSK	135	138	17.04	17.09	17.05	18.5	0.0
100	PI/2 BPSK	270	0	17.08	17.11	16.94		
100	QPSK	1	1	17.09	17.14	17.03	18.5	0.0
100	QPSK	1	137	17.04	17.10	16.94		
100	QPSK	1	271	17.00	17.11	16.97		
100	QPSK	135	0	17.02	17.10	17.03	18.5	0.0
100	QPSK	135	69	17.07	17.13	17.12		
100	QPSK	135	138	17.03	17.10	17.11		
100	QPSK	270	0	17.06	17.11	16.97	18.5	0.0
100	16QAM	1	1	16.86	16.89	16.80	18.5	0.0
100	64QAM	1	1	16.80	16.95	16.89	18.5	0.0
100	256QAM	1	1	16.88	17.10	17.08	18.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	17.00	16.99	16.97	18.5	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2535.12	2592.99	2650.98	(dBm)	(dB)
80	QPSK	1	1	17.05	17.18	16.95	18.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	17.02	17.15	16.92	18.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	17.09	17.05	17.00	18.5	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	17.07	17.04	17.01	18.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	17.12	17.05	16.92	18.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	17.09	17.06	16.91	18.5	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.97	17.16	16.97	18.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	16.94	17.16	17.01	18.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.97	16.99	16.95	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.74	18.81	18.65	20.2	0.0
100	PI/2 BPSK	1	137	18.74	18.74	18.65		
100	PI/2 BPSK	1	271	18.81	18.81	18.73		
100	PI/2 BPSK	135	0	18.71	18.80	18.72	20.2	0.0
100	PI/2 BPSK	135	69	18.74	18.74	18.74	20.2	0.0
100	PI/2 BPSK	135	138	18.75	18.80	18.73	20.2	0.0
100	PI/2 BPSK	270	0	18.83	18.85	18.76		
100	QPSK	1	1	18.94	19.00	18.94	20.2	0.0
100	QPSK	1	137	18.92	18.93	18.91		
100	QPSK	1	271	18.81	18.97	18.89		
100	QPSK	135	0	18.83	18.82	18.77	20.2	0.0
100	QPSK	135	69	18.84	18.87	18.79		
100	QPSK	135	138	18.80	18.85	18.71		
100	QPSK	270	0	18.71	18.81	18.78	20.2	0.0
100	16QAM	1	1	18.82	18.85	18.85	20.2	0.0
100	64QAM	1	1	18.74	18.74	18.74	20.2	0.0
100	256QAM	1	1	18.75	18.83	18.76	20.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.74	18.72	18.64	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2535.12	2592.99	2650.98	(dBm)	(dB)
80	QPSK	1	1	18.81	18.81	18.70	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.75	18.76	18.66	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.73	18.76	18.68	20.2	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.73	18.78	18.73	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.79	18.79	18.65	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.81	18.73	18.78	20.2	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.78	18.85	18.67	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	18.76	18.85	18.70	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	18.69	18.85	18.68	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.24	17.33	17.18	19.0	0.0
100	PI/2 BPSK	1	137	17.15	17.26	17.05		
100	PI/2 BPSK	1	271	17.21	17.18	17.22		
100	PI/2 BPSK	135	0	17.22	17.26	17.15	19.0	0.0
100	PI/2 BPSK	135	69	17.19	17.26	17.11	19.0	0.0
100	PI/2 BPSK	135	138	17.12	17.17	17.10	19.0	0.0
100	PI/2 BPSK	270	0	17.21	17.26	17.01		
100	QPSK	1	1	17.18	17.36	17.24	19.0	0.0
100	QPSK	1	137	17.17	17.34	17.17		
100	QPSK	1	271	17.09	17.13	17.12		
100	QPSK	135	0	17.08	17.17	17.15	19.0	0.0
100	QPSK	135	69	17.16	17.20	17.16		
100	QPSK	135	138	17.16	17.18	17.17		
100	QPSK	270	0	17.07	17.19	17.07	19.0	0.0
100	16QAM	1	271	17.22	17.32	17.04	19.0	0.0
100	64QAM	1	271	17.23	17.15	17.07	19.0	0.0
100	256QAM	1	271	17.20	17.25	17.18	19.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.39	17.20	19.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2535.12	2592.99	2650.98	(dBm)	(dB)
80	QPSK	1	1	17.17	17.38	17.13	19.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	17.15	17.35	17.11	19.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	17.02	17.34	17.21	19.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	17.15	17.29	17.21	19.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	17.12	17.37	17.15	19.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	17.03	17.26	17.21	19.0	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	17.21	17.36	17.22	19.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	17.01	17.23	17.11	19.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	17.21	17.33	17.08	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.88	16.98	16.78	17.7	0.0
100	PI/2 BPSK	1	137	16.83	16.93	16.88		
100	PI/2 BPSK	1	271	16.84	16.93	16.73		
100	PI/2 BPSK	135	0	17.06	17.09	16.87	17.7	0.0
100	PI/2 BPSK	135	69	17.09	16.93	16.93	17.7	0.0
100	PI/2 BPSK	135	138	16.96	17.11	16.98	17.7	0.0
100	PI/2 BPSK	270	0	17.00	17.04	17.03		
100	QPSK	1	1	16.92	17.13	16.88	17.7	0.0
100	QPSK	1	137	16.75	16.87	16.78		
100	QPSK	1	271	16.91	16.87	16.78		
100	QPSK	135	0	17.00	16.88	16.90	17.7	0.0
100	QPSK	135	69	17.02	17.09	16.98		
100	QPSK	135	138	16.95	16.89	16.94		
100	QPSK	270	0	17.04	17.06	16.94	17.7	0.0
100	16QAM	1	271	16.97	16.97	17.09	17.7	0.0
100	64QAM	1	271	16.98	17.02	17.03	17.7	0.0
100	256QAM	1	271	16.98	17.01	17.01	17.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	16.82	17.06	16.75	17.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2535.12	2592.99	2650.98	(dBm)	(dB)
80	QPSK	1	1	16.80	17.07	16.91	17.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.80	17.08	16.90	17.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.93	16.98	16.75	17.7	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.78	17.10	16.90	17.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.87	17.08	16.83	17.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.89	17.11	16.73	17.7	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.89	17.02	16.79	17.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	16.92	17.04	16.71	17.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.93	17.11	16.78	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.55		22.0	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.68			
100	PI/2 BPSK	135	0		20.58		22.0	0.0
100	PI/2 BPSK	135	69		20.61		22.0	0.0
100	PI/2 BPSK	135	138		20.39		22.0	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.56		22.0	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.58		22.0	0.0
100	QPSK	135	69		20.70			
100	QPSK	135	138		20.64			
100	QPSK	270	0		20.66		22.0	0.0
100	16QAM	1	1		20.48		22.0	0.0
100	64QAM	1	1		20.46		22.0	0.0
100	256QAM	1	1		19.37		21.0	1.0
	Channel			630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
90	QPSK	1	1	20.69	20.66	20.61	22.0	0.0
	Channel			630969	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480.03	3499.98	3519.99		
80	QPSK	1	1	20.57	20.64	20.48	22.0	0.0
	Channel			632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	20.65	20.65	20.48	22.0	0.0
	Channel			630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	20.55	20.58	20.51	22.0	0.0
	Channel			631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	20.54	20.57	20.58	22.0	0.0
	Channel			631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	20.56	20.65	20.47	22.0	0.0
	Channel			631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	20.61	20.57	20.53	22.0	0.0
	Channel			630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	20.57	20.53	20.60	22.0	0.0
	Channel			630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	20.65	20.64	20.50	22.0	0.0
	Channel			630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	20.64	20.54	20.47	22.0	0.0
	Channel			630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	20.64	20.62	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.30	21.19	21.45	22.5	0.0
100	PI/2 BPSK	1	137	21.10	21.11	21.38		
100	PI/2 BPSK	1	271	21.26	21.06	21.38		
100	PI/2 BPSK	135	0	21.17	21.11	21.44	22.5	0.0
100	PI/2 BPSK	135	69	21.21	21.00	21.41	22.5	0.0
100	PI/2 BPSK	135	138	21.26	21.06	21.37	22.5	0.0
100	PI/2 BPSK	270	0	21.11	21.01	21.46		
100	QPSK	1	1	21.34	21.17	21.39	22.5	0.0
100	QPSK	1	137	21.40	21.30	21.51		
100	QPSK	1	271	21.38	21.22	21.44		
100	QPSK	135	0	21.12	21.17	21.40	22.5	0.0
100	QPSK	135	69	21.30	21.21	21.45		
100	QPSK	135	138	21.20	21.14	21.40		
100	QPSK	270	0	21.30	21.15	21.42	22.5	0.0
100	16QAM	1	1	21.13	21.03	21.31	22.5	0.0
100	64QAM	1	1	21.26	21.12	21.44	22.5	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.0
	Channel			649668	650026	650332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3934.98		
90	QPSK	1	1	21.33	21.15	21.36	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3939.99		
80	QPSK	1	1	21.26	21.18	21.40	22.5	0.0
	Channel			649000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	21.21	21.18	21.42	22.5	0.0
	Channel			648668	650000	653332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3949.98		
60	QPSK	1	1	21.28	21.14	21.32	22.5	0.0
	Channel			647334	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3954.99		
50	QPSK	1	1	21.20	21.14	21.41	22.5	0.0
	Channel			647000	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	21.25	21.17	21.39	22.5	0.0
	Channel			647668	650332	654332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840.48	3964.98		
30	QPSK	1	1	21.32	21.14	21.31	22.5	0.0
	Channel			647000	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	1	21.23	21.22	21.42	22.5	0.0
	Channel			646334	650000	654666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3969.99		
20	QPSK	1	1	21.29	21.24	21.42	22.5	0.0
	Channel			647168	650000	654832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.48		
15	QPSK	1	1	21.21	21.18	21.39	22.5	0.0
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	21.30	21.12	21.34	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.43		19.0	0.0
100	PI/2 BPSK	1	137		17.46			
100	PI/2 BPSK	1	271		17.38			
100	PI/2 BPSK	135	0		17.43		19.0	0.0
100	PI/2 BPSK	135	69		17.44		19.0	0.0
100	PI/2 BPSK	135	138		17.33		19.0	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.41		19.0	0.0
100	QPSK	1	137		17.61			
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.42		19.0	0.0
100	QPSK	135	69		17.47			
100	QPSK	135	138		17.44			
100	QPSK	270	0		17.36		19.0	0.0
100	16QAM	1	1		17.34		19.0	0.0
100	64QAM	1	1		17.40		19.0	0.0
100	256QAM	1	1		17.40		19.0	0.0
	Channel			630006	633332	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
90	QPSK	1	1	17.32	17.41	17.44	19.0	0.0
	Channel			630969	633332	634920	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480.03	3499.98	3519.99		
80	QPSK	1	1	17.37	17.32	17.46	19.0	0.0
	Channel			632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.46	17.35	17.38	19.0	0.0
	Channel			630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.41	17.34	17.45	19.0	0.0
	Channel			631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.32	17.38	17.42	19.0	0.0
	Channel			631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.42	17.38	17.38	19.0	0.0
	Channel			631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.43	17.36	17.37	19.0	0.0
	Channel			630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.35	17.39	17.44	19.0	0.0
	Channel			630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.42	17.38	17.44	19.0	0.0
	Channel			630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.39	17.36	17.35	19.0	0.0
	Channel			630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.42	17.40	17.43	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.28	18.12	18.38	19.5	0.0
100	PI/2 BPSK	1	137	18.14	18.09	18.36		
100	PI/2 BPSK	1	271	18.20	18.06	18.36		
100	PI/2 BPSK	135	0	18.16	18.08	18.36	19.5	0.0
100	PI/2 BPSK	135	69	18.23	18.02	18.36	19.5	0.0
100	PI/2 BPSK	135	138	18.17	18.04	18.35	19.5	0.0
100	PI/2 BPSK	270	0	18.16	18.01	18.37		
100	QPSK	1	1	18.35	18.19	18.40	19.5	0.0
100	QPSK	1	137	18.42	18.20	18.48		
100	QPSK	1	271	18.32	18.19	18.44		
100	QPSK	135	0	18.15	18.11	18.45	19.5	0.0
100	QPSK	135	69	18.29	18.16	18.46		
100	QPSK	135	138	18.21	18.13	18.45		
100	QPSK	270	0	18.17	18.02	18.40	19.5	0.0
100	16QAM	1	1	18.14	18.03	18.32	19.5	0.0
100	64QAM	1	1	18.24	18.12	18.40	19.5	0.0
100	256QAM	1	1	18.06	17.93	18.32	19.5	0.0
	Channel			649668	650026	650332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3934.98		
90	QPSK	1	1	18.14	18.05	18.39	19.5	0.0
	Channel			649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3939.99		
80	QPSK	1	1	18.18	18.03	18.40	19.5	0.0
	Channel			649000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	18.24	18.14	18.42	19.5	0.0
	Channel			648668	650000	653332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3949.98		
60	QPSK	1	1	18.14	18.08	18.41	19.5	0.0
	Channel			647334	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3954.99		
50	QPSK	1	1	18.26	18.09	18.42	19.5	0.0
	Channel			647000	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	18.16	18.03	18.35	19.5	0.0
	Channel			647668	650332	654332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3964.98		
30	QPSK	1	1	18.21	18.13	18.33	19.5	0.0
	Channel			647000	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	1	18.18	18.04	18.41	19.5	0.0
	Channel			646334	650000	654666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3969.99		
20	QPSK	1	1	18.20	18.14	18.42	19.5	0.0
	Channel			647168	650000	654832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.48		
15	QPSK	1	1	18.18	18.15	18.36	19.5	0.0
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	18.20	18.11	18.42	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	0		20.64		22.5	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.80		22.5	0.0
100	PI/2 BPSK	135	69		20.71		22.5	0.0
100	PI/2 BPSK	135	138		20.81		22.5	0.0
100	PI/2 BPSK	270	0		20.58			
100	QPSK	1	0		20.75		22.5	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.72			
100	QPSK	135	0		20.62		22.5	0.0
100	QPSK	135	69		20.82			
100	QPSK	135	138		20.80			
100	QPSK	270	0		20.82		22.5	0.0
100	16QAM	1	0		20.78		22.5	0.0
100	64QAM	1	0		20.73		22.5	0.0
100	256QAM	1	0		20.73		21.5	1.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3484.98		
90	QPSK	1	0	20.68	20.60	20.70	22.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.02	3466.98	3532		
80	QPSK	1	0	20.72	20.64	20.68	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98		
70	QPSK	1	0	20.64	20.59	20.68	22.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	0	20.67	20.68	20.68	22.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	0	20.62	20.64	20.61	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	0	20.64	20.59	20.73	22.5	0.0
Channel				631666	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	0	20.69	20.62	20.74	22.5	0.0
Channel				632034	633332	635632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	0	20.75	20.57	20.61	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	0	20.75	20.66	20.62	22.5	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.46		
15	QPSK	1	0	20.63	20.67	20.61	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	0	20.74	20.70	20.68	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	20.68	20.62	20.70	22.5	0.0
100	PI/2 BPSK	1	137	20.73	20.75	20.77		
100	PI/2 BPSK	1	271	20.67	20.70	20.68		
100	PI/2 BPSK	135	0	20.80	20.59	20.71	22.5	0.0
100	PI/2 BPSK	135	69	20.64	20.63	20.59	22.5	0.0
100	PI/2 BPSK	135	138	20.60	20.55	20.57	22.5	0.0
100	PI/2 BPSK	270	0	20.70	20.70	20.59		
100	QPSK	1	0	20.62	20.62	20.64	22.5	0.0
100	QPSK	1	137	20.80	20.92	20.82		
100	QPSK	1	271	20.82	20.87	20.74		
100	QPSK	135	0	20.73	20.67	20.69	22.5	0.0
100	QPSK	135	69	20.81	20.86	20.76		
100	QPSK	135	138	20.68	20.56	20.66		
100	QPSK	270	0	20.80	20.83	20.80	22.5	0.0
100	16QAM	1	0	20.71	20.66	20.64	22.5	0.0
100	64QAM	1	0	20.74	20.67	20.64	22.5	0.0
100	256QAM	1	0	20.63	20.52	20.67	21.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	0	20.62	20.68	20.71	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	0	20.68	20.69	20.65	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	0	20.57	20.66	20.68	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	0	20.55	20.57	20.73	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	0	20.66	20.57	20.68	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	0	20.68	20.65	20.70	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	0	20.58	20.55	20.62	22.5	0.0
Channel				647332	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	0	20.54	20.66	20.70	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	0	20.69	20.62	20.68	22.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	0	20.60	20.68	20.70	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	0	20.64	20.69	20.70	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	0		17.67		19.5	0.0
100	PI/2 BPSK	1	137		17.97			
100	PI/2 BPSK	1	271		17.84			
100	PI/2 BPSK	135	0		17.94		19.5	0.0
100	PI/2 BPSK	135	69		17.85		19.5	0.0
100	PI/2 BPSK	135	138		17.91		19.5	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	0		17.83		19.5	0.0
100	QPSK	1	137		17.98			
100	QPSK	1	271		17.86			
100	QPSK	135	0		17.76		19.5	0.0
100	QPSK	135	69		17.97			
100	QPSK	135	138		17.83			
100	QPSK	270	0		17.79		19.5	0.0
100	16QAM	1	0		17.94		19.5	0.0
100	64QAM	1	0		17.83		19.5	0.0
100	256QAM	1	0		17.85		19.5	0.0
Channel				630000	633332	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3484.98		
90	QPSK	1	0	17.86	17.72	17.75	19.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.02	3466.98	3532		
80	QPSK	1	0	17.71	17.55	17.77	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98		
70	QPSK	1	0	17.71	17.61	17.67	19.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	0	17.69	17.58	17.58	19.5	0.0
Channel				631668	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	0	17.84	17.56	17.64	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	0	17.72	17.60	17.73	19.5	0.0
Channel				631666	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	0	17.69	17.58	17.66	19.5	0.0
Channel				632034	633332	635632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	0	17.79	17.62	17.69	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	0	17.75	17.69	17.59	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.46		
15	QPSK	1	0	17.99	17.63	17.59	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	0	17.86	17.69	17.78	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	17.53	17.52	17.64	19.5	0.0
100	PI/2 BPSK	1	137	17.73	17.73	17.78		
100	PI/2 BPSK	1	271	17.71	17.71	17.66		
100	PI/2 BPSK	135	0	17.72	17.57	17.62	19.5	0.0
100	PI/2 BPSK	135	69	17.64	17.63	17.59	19.5	0.0
100	PI/2 BPSK	135	138	17.55	17.50	17.53	19.5	0.0
100	PI/2 BPSK	270	0	17.70	17.71	17.50		
100	QPSK	1	0	17.54	17.59	17.62	19.5	0.0
100	QPSK	1	137	17.80	17.77	17.65		
100	QPSK	1	271	17.78	17.72	17.65		
100	QPSK	135	0	17.65	17.67	17.66	19.5	0.0
100	QPSK	135	69	17.66	17.69	17.77		
100	QPSK	135	138	17.63	17.56	17.62		
100	QPSK	270	0	17.72	17.67	17.60	19.5	0.0
100	16QAM	1	0	17.75	17.63	17.68	19.5	0.0
100	64QAM	1	0	17.56	17.57	17.57	19.5	0.0
100	256QAM	1	0	17.54	17.52	17.61	19.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3934.98		
90	QPSK	1	0	17.69	17.70	17.75	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	0	17.70	17.69	17.74	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	0	17.74	17.67	17.83	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	0	17.71	17.70	17.81	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	0	17.78	17.72	17.77	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	0	17.77	17.75	17.78	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	0	17.78	17.68	17.78	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	0	17.75	17.66	17.80	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	0	17.69	17.73	17.78	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	0	17.71	17.67	17.82	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	0	17.72	17.74	17.77	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		18.90			
100	PI/2 BPSK	1	137		18.80		20.5	0.0
100	PI/2 BPSK	1	271		18.81			
100	PI/2 BPSK	135	0		18.89		20.5	0.0
100	PI/2 BPSK	135	69		18.79		20.5	0.0
100	PI/2 BPSK	135	138		18.90		20.5	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.00			
100	QPSK	1	137		19.25		20.5	0.0
100	QPSK	1	271		18.89			
100	QPSK	135	0		19.04			
100	QPSK	135	69		19.21		20.5	0.0
100	QPSK	135	138		18.87			
100	QPSK	270	0		19.16		20.5	0.0
100	16QAM	1	1		19.10		20.5	0.0
100	64QAM	1	1		19.16		20.5	0.0
100	256QAM	1	1		19.00		20.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3504.99		
90	QPSK	1	1	19.06	19.14	19.07	20.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3502		
80	QPSK	1	1	18.92	19.02	18.86	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98		
70	QPSK	1	1	18.93	19.01	18.82	20.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	1	18.84	19.03	18.85	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3471.02	3466.98	3525		
50	QPSK	1	1	18.83	19.01	18.90	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	18.82	19.02	18.89	20.5	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	18.85	18.98	18.99	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	18.89	19.00	18.93	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	18.92	19.03	18.88	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	18.91	18.90	18.92	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	18.88	19.00	18.96	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.45	19.82	19.79		
100	PI/2 BPSK	1	137	19.58	19.79	19.70	21.5	0.0
100	PI/2 BPSK	1	271	19.55	19.85	19.91		
100	PI/2 BPSK	135	0	19.84	19.84	19.75	21.5	0.0
100	PI/2 BPSK	135	69	19.67	19.72	19.66	21.5	0.0
100	PI/2 BPSK	135	138	19.49	19.89	19.63	21.5	0.0
100	PI/2 BPSK	270	0	19.83	19.82	19.85		
100	QPSK	1	1	19.68	19.94	19.78		
100	QPSK	1	137	19.82	19.98	19.89	21.5	0.0
100	QPSK	1	271	19.63	19.81	19.89		
100	QPSK	135	0	19.91	19.86	19.77		
100	QPSK	135	69	19.81	19.94	19.85	21.5	0.0
100	QPSK	135	138	19.75	19.76	19.85		
100	QPSK	270	0	19.86	19.90	19.78	21.5	0.0
100	16QAM	1	1	19.63	19.74	19.55	21.5	0.0
100	64QAM	1	1	19.46	19.62	19.65	21.5	0.0
100	256QAM	1	1	19.48	19.55	19.54	21.5	0.0
Channel				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.64	19.81	19.67	21.5	0.0
Channel				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.57	19.79	19.78	21.5	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.58	19.77	19.70	21.5	0.0
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.02	3840	3945.98		
60	QPSK	1	1	19.65	19.82	19.68	21.5	0.0
Channel				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.66	19.76	19.78	21.5	0.0
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.57	19.78	19.75	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.66	19.77	19.79	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.59	19.86	19.69	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.66	19.86	19.77	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.61	19.84	19.75	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.64	19.86	19.67	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		15.28			
100	PI/2 BPSK	1	137		15.30		16.5	0.0
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.18		16.5	0.0
100	PI/2 BPSK	135	138		15.25		16.5	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.21			
100	QPSK	1	137		15.34		16.5	0.0
100	QPSK	1	271		15.18			
100	QPSK	135	0		15.20			
100	QPSK	135	69		15.26		16.5	0.0
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.26		16.5	0.0
100	16QAM	1	1		15.22		16.5	0.0
100	64QAM	1	1		15.25		16.5	0.0
100	256QAM	1	1		15.25		16.5	0.0
Channel				630000	633332	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3504.99		
90	QPSK	1	1	15.25	15.21	15.20	16.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3502		
80	QPSK	1	1	15.22	15.30	15.20	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98		
70	QPSK	1	1	15.28	15.22	15.31	16.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	1	15.25	15.19	15.27	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3471.02	3466.98	3525		
50	QPSK	1	1	15.23	15.21	15.25	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	15.30	15.27	15.23	16.5	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	15.20	15.25	15.23	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	15.19	15.28	15.32	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	15.23	15.29	15.20	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	15.28	15.25	15.21	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	15.29	15.20	15.32	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.68	17.01	16.90		
100	PI/2 BPSK	1	137	16.72	17.03	16.94	18.5	0.0
100	PI/2 BPSK	1	271	16.74	16.99	17.03		
100	PI/2 BPSK	135	0	17.03	17.03	16.89	18.5	0.0
100	PI/2 BPSK	135	69	16.80	16.93	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.73	17.06	16.83	18.5	0.0
100	PI/2 BPSK	270	0	16.98	17.00	16.97		
100	QPSK	1	1	16.84	16.99	16.98		
100	QPSK	1	137	16.86	17.07	17.13	18.5	0.0
100	QPSK	1	271	16.84	17.01	17.01		
100	QPSK	135	0	17.02	17.02	16.94		
100	QPSK	135	69	17.09	17.03	17.10	18.5	0.0
100	QPSK	135	138	16.88	16.95	16.99		
100	QPSK	270	0	17.08	17.01	17.13	18.5	0.0
100	16QAM	1	1	16.85	16.85	16.75	18.5	0.0
100	64QAM	1	1	16.68	16.80	16.79	18.5	0.0
100	256QAM	1	1	16.59	16.71	16.66	18.5	0.0
Channel				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.80	16.85	16.84	18.5	0.0
Channel				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.74	16.98	16.97	18.5	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.83	16.90	16.82	18.5	0.0
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.02	3840	3945.98		
60	QPSK	1	1	16.87	16.83	16.93	18.5	0.0
Channel				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.76	16.85	16.82	18.5	0.0
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.89	16.98	16.98	18.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.82	16.88	16.82	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.68	16.89	17.00	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.75	16.97	16.90	18.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.67	16.92	16.88	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.82	16.94	16.84	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	0		18.32		19.5	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.40			
100	PI/2 BPSK	135	0		18.37		19.5	0.0
100	PI/2 BPSK	135	69		18.31		19.5	0.0
100	PI/2 BPSK	135	138		18.30		19.5	0.0
100	PI/2 BPSK	270	0		18.30			
100	QPSK	1	0		18.28		19.5	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.28			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.37			
100	QPSK	135	138		18.34			
100	QPSK	270	0		18.35		19.5	0.0
100	16QAM	1	0		18.29		19.5	0.0
100	64QAM	1	0		18.34		19.5	0.0
100	256QAM	1	0		18.32		19.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3504.99		
90	QPSK	1	0	18.34	18.31	18.23	19.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3468		
80	QPSK	1	0	18.23	18.25	18.17	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	0	18.19	18.11	18.05	19.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	0	18.25	18.24	18.05	19.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	0	18.23	18.20	18.15	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	0	18.19	18.23	18.19	19.5	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	0	18.15	18.13	18.18	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	0	18.24	18.23	18.12	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	0	18.23	18.24	18.08	19.5	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.46		
15	QPSK	1	0	18.22	18.11	18.08	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	0	18.17	18.23	18.17	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	18.54	18.41	18.58	20.0	0.0
100	PI/2 BPSK	1	137	18.70	18.36	18.57		
100	PI/2 BPSK	1	271	18.53	18.32	18.61		
100	PI/2 BPSK	135	0	18.59	18.41	18.59	20.0	0.0
100	PI/2 BPSK	135	69	18.44	18.45	18.67	20.0	0.0
100	PI/2 BPSK	135	138	18.46	18.43	18.55	20.0	0.0
100	PI/2 BPSK	270	0	18.59	18.47	18.57		
100	QPSK	1	0	18.61	18.69	18.66	20.0	0.0
100	QPSK	1	137	18.69	18.78	18.71		
100	QPSK	1	271	18.58	18.56	18.69		
100	QPSK	135	0	18.55	18.59	18.64	20.0	0.0
100	QPSK	135	69	18.66	18.74	18.71		
100	QPSK	135	138	18.60	18.64	18.59		
100	QPSK	270	0	18.62	18.70	18.59	20.0	0.0
100	16QAM	1	0	18.67	18.39	18.67	20.0	0.0
100	64QAM	1	0	18.51	18.45	18.57	20.0	0.0
100	256QAM	1	0	18.53	18.35	18.48	20.0	0.0
Channel				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	0	18.60	18.63	18.58	20.0	0.0
Channel				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	0	18.61	18.58	18.63	20.0	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	0	18.57	18.70	18.51	20.0	0.0
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	0	18.60	18.71	18.52	20.0	0.0
Channel				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	0	18.57	18.70	18.64	20.0	0.0
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	0	18.63	18.63	18.52	20.0	0.0
Channel				645668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	0	18.61	18.70	18.62	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	0	18.53	18.66	18.63	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	0	18.61	18.59	18.56	20.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	0	18.60	18.70	18.59	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	0	18.49	18.67	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	0		15.28		16.5	0.0
100	PI/2 BPSK	1	137		15.30			
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.18		16.5	0.0
100	PI/2 BPSK	135	138		15.25		16.5	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	0		15.21		16.5	0.0
100	QPSK	1	137		15.34			
100	QPSK	1	271		15.18			
100	QPSK	135	0		15.20		16.5	0.0
100	QPSK	135	69		15.26			
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.26		16.5	0.0
100	16QAM	1	0		15.22		16.5	0.0
100	64QAM	1	0		15.25		16.5	0.0
100	256QAM	1	0		15.25		16.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3504.99		
90	QPSK	1	0	15.25	15.21	15.20	16.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3468		
80	QPSK	1	0	15.22	15.30	15.20	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	0	15.28	15.22	15.31	16.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	0	15.25	15.19	15.27	16.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	0	15.23	15.21	15.25	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	0	15.30	15.27	15.23	16.5	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	0	15.20	15.25	15.23	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	0	15.19	15.28	15.32	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	0	15.23	15.29	15.20	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.46		
15	QPSK	1	0	15.28	15.25	15.21	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	0	15.29	15.20	15.32	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	0	15.74	15.53	15.58	17.0	0.0
100	PI/2 BPSK	1	137	15.78	15.47	15.64		
100	PI/2 BPSK	1	271	15.71	15.46	15.70		
100	PI/2 BPSK	135	0	15.76	15.48	15.63	17.0	0.0
100	PI/2 BPSK	135	69	15.64	15.58	15.68	17.0	0.0
100	PI/2 BPSK	135	138	15.66	15.57	15.60	17.0	0.0
100	PI/2 BPSK	270	0	15.73	15.48	15.63		
100	QPSK	1	0	15.78	15.54	15.79	17.0	0.0
100	QPSK	1	137	15.82	15.86	15.80		
100	QPSK	1	271	15.68	15.54	15.75		
100	QPSK	135	0	15.71	15.54	15.64	17.0	0.0
100	QPSK	135	69	15.72	15.79	15.73		
100	QPSK	135	138	15.69	15.46	15.68		
100	QPSK	270	0	15.64	15.70	15.68	17.0	0.0
100	16QAM	1	0	15.74	15.45	15.71	17.0	0.0
100	64QAM	1	0	15.69	15.47	15.63	17.0	0.0
100	256QAM	1	0	15.66	15.46	15.58	17.0	0.0
Channel				646668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	0	15.69	15.84	15.69	17.0	0.0
Channel				646334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	0	15.79	15.77	15.72	17.0	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	0	15.68	15.81	15.76	17.0	0.0
Channel				646668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	0	15.71	15.85	15.71	17.0	0.0
Channel				646334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	0	15.80	15.84	15.75	17.0	0.0
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	0	15.79	15.83	15.69	17.0	0.0
Channel				645668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	0	15.78	15.78	15.66	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	0	15.74	15.82	15.66	17.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	0	15.69	15.74	15.78	17.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	0	15.67	15.84	15.77	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	0	15.69	15.85	15.75	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.45		22.0	0.0
100	PI/2 BPSK	135	69		20.46		22.0	0.0
100	PI/2 BPSK	135	138		20.41		22.0	0.0
100	PI/2 BPSK	270	0		20.35			
100	QPSK	1	1		20.45		22.0	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.51		22.0	0.0
100	QPSK	135	69		20.54			
100	QPSK	135	138		20.48			
100	QPSK	270	0		20.00		22.0	0.0
100	16QAM	1	1		20.54		22.0	0.0
100	64QAM	1	1		20.50		22.0	0.0
100	256QAM	1	1		20.37		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
50	QPSK	1	1	20.32	20.34	20.44	22.0	0.0
Channel				633998	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3499.02	3499.98	3514.99		
60	QPSK	1	1	20.19	20.09	20.28	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.12	20.22	20.27	22.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
80	QPSK	1	1	20.11	20.15	20.25	22.0	0.0
Channel				631668	633332	635032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.16	20.10	20.21	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.16	20.13	20.32	22.0	0.0
Channel				631000	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.18	20.09	20.29	22.0	0.0
Channel				630634	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.10	20.12	20.26	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.52	3499.98	3540		
20	QPSK	1	1	20.19	20.12	20.20	22.0	0.0
Channel				630300	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.06	20.18	20.25	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.09	20.17	20.21	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.83		22.0	0.0
100	PI/2 BPSK	1	137		20.79			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.76		22.0	0.0
100	PI/2 BPSK	135	69		20.85		22.0	0.0
100	PI/2 BPSK	135	138		20.68		22.0	0.0
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		20.77		22.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.63		22.0	0.0
100	QPSK	135	69		20.81			
100	QPSK	135	138		20.74			
100	QPSK	270	0		20.78		22.0	0.0
100	16QAM	1	1		20.79		22.0	0.0
100	64QAM	1	1		20.78		22.0	0.0
100	256QAM	1	1		20.75		22.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.63	20.60	20.67	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3982.01	3750	3753.99		
80	QPSK	1	1	20.46	20.51	20.56	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.53	20.52	20.51	22.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.56	20.45	20.60	22.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.54	20.44	20.51	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.50	20.54	20.47	22.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.53	20.54	20.48	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.49	20.42	20.58	22.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.55	20.49	20.59	22.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.54	20.49	20.49	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.54	20.44	20.56	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		17.53		19.0	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.51		19.0	0.0
100	PI/2 BPSK	135	69		17.52		19.0	0.0
100	PI/2 BPSK	135	138		17.52		19.0	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.59		19.0	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.54			
100	QPSK	135	0		17.56		19.0	0.0
100	QPSK	135	69		17.56			
100	QPSK	135	138		17.52			
100	QPSK	270	0		17.56		19.0	0.0
100	16QAM	1	1		17.53		19.0	0.0
100	64QAM	1	1		17.52		19.0	0.0
100	256QAM	1	1		17.51		19.0	0.0
Channel				630000	633332	636665	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.46	17.54	17.53	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3493.98	3513	(dBm)	(dB)
80	QPSK	1	1	17.54	17.59	17.53	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3486.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.50	17.48	17.70	19.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3486.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.59	17.55	17.52	19.0	0.0
Channel				631668	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3486.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.42	17.50	17.58	19.0	0.0
Channel				631334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3486.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.53	17.48	17.53	19.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3486.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.27	17.55	17.39	19.0	0.0
Channel				630334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3486.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.48	17.65	17.69	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3486.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.55	17.50	17.55	19.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3486.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.48	17.66	17.60	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3486.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.43	17.48	17.64	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.90		19.0	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	271		17.64			
100	PI/2 BPSK	135	0		17.73		19.0	0.0
100	PI/2 BPSK	135	69		17.83		19.0	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.75		19.0	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.62			
100	QPSK	135	0		17.73		19.0	0.0
100	QPSK	135	69		17.87			
100	QPSK	135	138		17.71			
100	QPSK	270	0		17.82		19.0	0.0
100	16QAM	1	1		17.80		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.85		19.0	0.0
Channel				640668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.78	17.75	17.77	19.0	0.0
Channel				640334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.62	17.66	17.67	19.0	0.0
Channel				640000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	17.66	17.75	17.78	19.0	0.0
Channel				640668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.63	17.62	17.67	19.0	0.0
Channel				641002	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.76	17.65	17.59	19.0	0.0
Channel				640002	650000	650002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.65	17.72	17.62	19.0	0.0
Channel				641668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.64	17.78	17.73	19.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.56	17.59	17.74	19.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.77	17.78	17.64	19.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.71	17.72	17.74	19.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.68	17.64	17.60	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		20.68		22.5	0.0
100	PI/2 BPSK	1	137		20.73			
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.52		22.5	0.0
100	PI/2 BPSK	135	69		20.62		22.5	0.0
100	PI/2 BPSK	135	138		20.56		22.5	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.69		22.5	0.0
100	QPSK	1	137		20.82			
100	QPSK	1	271		20.75			
100	QPSK	135	0		20.64		22.5	0.0
100	QPSK	135	69		20.76			
100	QPSK	135	138		20.73			
100	QPSK	270	0		20.75		22.5	0.0
100	16QAM	1	1		20.71		22.5	0.0
100	64QAM	1	1		20.51		22.5	0.0
100	256QAM	1	1		20.58		22.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.68	20.77	20.73	22.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3493.98	3513	(dBm)	(dB)
80	QPSK	1	1	20.54	20.61	20.60	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3486.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.54	20.54	20.55	22.5	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3486.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.56	20.53	20.59	22.5	0.0
Channel				631668	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3486.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.56	20.56	20.58	22.5	0.0
Channel				631334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3486.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.55	20.57	20.57	22.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3486.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.55	20.57	20.53	22.5	0.0
Channel				630334	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3486.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.51	20.57	20.62	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3486.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.55	20.66	20.59	22.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3486.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.56	20.59	20.50	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3486.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.55	20.63	20.54	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.57		22.5	0.0
100	PI/2 BPSK	1	137		20.72			
100	PI/2 BPSK	1	271		20.67			
100	PI/2 BPSK	135	0		20.71		22.5	0.0
100	PI/2 BPSK	135	69		20.54		22.5	0.0
100	PI/2 BPSK	135	138		20.77		22.5	0.0
100	PI/2 BPSK	270	0		20.83			
100	QPSK	1	1		20.69		22.5	0.0
100	QPSK	1	137		20.90			
100	QPSK	1	271		20.81			
100	QPSK	135	0		20.74		22.5	0.0
100	QPSK	135	69		20.86			
100	QPSK	135	138		20.81			
100	QPSK	270	0		20.81		22.5	0.0
100	16QAM	1	1		20.78		22.5	0.0
100	64QAM	1	1		20.73		22.5	0.0
100	256QAM	1	1		20.73		22.5	0.0
Channel				640668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.75	20.72	20.69	22.5	0.0
Channel				640334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.56	20.50	20.55	22.5	0.0
Channel				640000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	20.60	20.53	20.62	22.5	0.0
Channel				640668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.60	20.49	20.48	22.5	0.0
Channel				641334	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.55	20.51	20.55	22.5	0.0
Channel				640002	650000	650002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.56	20.61	20.51	22.5	0.0
Channel				641668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.57	20.52	20.56	22.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.55	20.61	20.53	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.58	20.57	20.55	22.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.60	20.60	20.56	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.63	20.59	20.50	22.5	0.0

Part27Q n78_PC3_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	0		17.87		19.5	0.0
100	PI/2 BPSK	1	137		17.84			
100	PI/2 BPSK	1	271		17.82			
100	PI/2 BPSK	135	0		17.60		19.5	0.0
100	PI/2 BPSK	135	69		17.76		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.5	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	0		17.89		19.5	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.89			
100	QPSK	135	0		17.73		19.5	0.0
100	QPSK	135	69		17.83			
100	QPSK	135	138		17.78			
100	QPSK	270	0		17.74		19.5	0.0
100	16QAM	1	1		17.80		19.5	0.0
100	64QAM	1	1		17.59		19.5	0.0
100	256QAM	1	1		17.51		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.78	17.80	17.78	19.5	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.33	3499.98	3504.99		
80	QPSK	1	1	17.79	17.82	17.74	19.5	0.0
Channel				633334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.81	17.87	17.82	19.5	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.78	17.84	17.75	19.5	0.0
Channel				631668	633332	634998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.75	17.84	17.78	19.5	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.79	17.85	17.808	19.5	0.0
Channel				631668	633334	634998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.73	17.88	17.73	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.81	17.88	17.73	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.82	17.80	17.73	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.82	17.84	17.82	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.80	17.83	17.74	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	0		17.50		19.5	0.0
100	PI/2 BPSK	1	137		17.73			
100	PI/2 BPSK	1	271		17.60			
100	PI/2 BPSK	135	0		17.74		19.5	0.0
100	PI/2 BPSK	135	69		17.52		19.5	0.0
100	PI/2 BPSK	135	138		17.81		19.5	0.0
100	PI/2 BPSK	270	0		17.75			
100	QPSK	1	0		17.65		19.5	0.0
100	QPSK	1	137		17.82			
100	QPSK	1	271		17.76			
100	QPSK	135	0		17.68		19.5	0.0
100	QPSK	135	69		17.81			
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.78		19.5	0.0
100	16QAM	1	1		17.80		19.5	0.0
100	64QAM	1	1		17.78		19.5	0.0
100	256QAM	1	1		17.80		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.66	17.74	17.69	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.51	3750	3758.49		
80	QPSK	1	1	17.68	17.76	17.64	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.75	17.79	17.65	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.69	17.72	17.72	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.75	17.79	17.65	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.72	17.75	17.66	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.68	17.74	17.73	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.70	17.75	17.70	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.75	17.80	17.71	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.72	17.78	17.68	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.72	17.71	17.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.89		20.5	0.0
100	PI/2 BPSK	1	137		19.07			
100	PI/2 BPSK	1	271		19.12			
100	PI/2 BPSK	135	0		19.03		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		18.95		20.5	0.0
100	PI/2 BPSK	270	0		18.83			
100	QPSK	1	1		19.11		20.5	0.0
100	QPSK	1	137		19.22			
100	QPSK	1	271		19.18			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.17			
100	QPSK	135	138		19.04			
100	QPSK	270	0		19.13		20.5	0.0
100	16QAM	1	1		19.08		20.5	0.0
100	64QAM	1	1		19.11		20.5	0.0
100	256QAM	1	1		19.07		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	19.11	19.04	19.08	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3432.02	3499.98	3568	(dBm)	(dB)
80	QPSK	1	1	18.96	18.91	18.92	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3400.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.00	18.92	18.90	20.5	0.0
Channel				633000	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3400	3499.98	3515.99	(dBm)	(dB)
60	QPSK	1	1	18.99	18.85	18.94	20.5	0.0
Channel				631668	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.87	18.81	18.86	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.90	18.89	18.96	20.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.97	18.93	18.97	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.87	18.89	18.88	20.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.94	18.79	18.91	20.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3427.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.87	18.90	18.87	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.94	18.90	18.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.43		21.0	0.0
100	PI/2 BPSK	1	137		19.67			
100	PI/2 BPSK	1	271		19.70			
100	PI/2 BPSK	135	0		19.62		21.0	0.0
100	PI/2 BPSK	135	69		19.59		21.0	0.0
100	PI/2 BPSK	135	138		19.54		21.0	0.0
100	PI/2 BPSK	270	0		19.36			
100	QPSK	1	1		19.68		21.0	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.63			
100	QPSK	135	0		19.58		21.0	0.0
100	QPSK	135	69		19.73			
100	QPSK	135	138		19.63			
100	QPSK	270	0		19.70		21.0	0.0
100	16QAM	1	1		19.55		21.0	0.0
100	64QAM	1	1		19.62		21.0	0.0
100	256QAM	1	1		19.61		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.52	3750	3753.48	(dBm)	(dB)
90	QPSK	1	1	19.58	19.53	19.66	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3757.99	(dBm)	(dB)
80	QPSK	1	1	19.46	19.41	19.65	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	19.43	19.47	19.54	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.43	19.42	19.59	21.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.55	19.41	19.65	21.0	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.48	19.41	19.53	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.45	19.52	19.53	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.48	19.48	19.59	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.54	19.48	19.62	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.52	19.46	19.66	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.51	19.38	19.56	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.92		17.5	0.0
100	PI/2 BPSK	1	137		16.13			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		15.98		17.5	0.0
100	PI/2 BPSK	135	69		16.05		17.5	0.0
100	PI/2 BPSK	135	138		15.96		17.5	0.0
100	PI/2 BPSK	270	0		15.87			
100	QPSK	1	1		16.08		17.5	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.13			
100	QPSK	135	0		15.98		17.5	0.0
100	QPSK	135	69		16.12			
100	QPSK	135	138		15.95			
100	QPSK	270	0		16.10		17.5	0.0
100	16QAM	1	1		15.99		17.5	0.0
100	64QAM	1	1		16.13		17.5	0.0
100	256QAM	1	1		16.05		17.5	0.0
Channel				633000	633332	633668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	15.97	16.13	15.99	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3432.02	3499.98	3568	(dBm)	(dB)
80	QPSK	1	1	15.83	16.09	15.89	17.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3400.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.79	16.08	15.93	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3400	3499.98	3515.99	(dBm)	(dB)
60	QPSK	1	1	15.81	16.13	15.94	17.5	0.0
Channel				631668	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.95	15.93	15.93	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.91	16.07	15.81	17.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.85	15.93	15.85	17.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.87	16.05	15.80	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.85	16.03	15.82	17.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.82	16.13	15.92	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.93	15.99	15.86	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.27		18.0	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.57			
100	PI/2 BPSK	135	0		16.45		18.0	0.0
100	PI/2 BPSK	135	69		16.45		18.0	0.0
100	PI/2 BPSK	135	138		16.28		18.0	0.0
100	PI/2 BPSK	270	0		16.27			
100	QPSK	1	1		16.58		18.0	0.0
100	QPSK	1	137		16.63			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.36		18.0	0.0
100	QPSK	135	69		16.60			
100	QPSK	135	138		16.44			
100	QPSK	270	0		16.42		18.0	0.0
100	16QAM	1	1		16.37		18.0	0.0
100	64QAM	1	1		16.50		18.0	0.0
100	256QAM	1	1		16.44		18.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.52	3750	3753.48	(dBm)	(dB)
90	QPSK	1	1	16.47	16.56	16.52	18.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3756.99	(dBm)	(dB)
80	QPSK	1	1	16.43	16.39	16.40	18.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	16.54	16.47	16.38	18.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.45	16.50	16.42	18.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.58	16.41	16.56	18.0	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.53	16.51	16.53	18.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.49	16.44	16.40	18.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	16.40	16.38	16.41	18.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.58	16.56	16.46	18.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	16.48	16.53	16.54	18.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.50	16.45	16.51	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.60		19.5	0.0
100	PI/2 BPSK	1	137		17.62			
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.66		19.5	0.0
100	PI/2 BPSK	135	69		17.65		19.5	0.0
100	PI/2 BPSK	135	138		17.67		19.5	0.0
100	PI/2 BPSK	270	0		17.62			
100	QPSK	1	1		17.92		19.5	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.82			
100	QPSK	135	0		17.80		19.5	0.0
100	QPSK	135	69		19.91			
100	QPSK	135	138		17.79			
100	QPSK	270	0		17.66		19.5	0.0
100	16QAM	1	1		17.81		19.5	0.0
100	64QAM	1	1		17.73		19.5	0.0
100	256QAM	1	1		17.82		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	17.80	17.85	17.86	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3463.02	3499.98	3537	(dBm)	(dB)
80	QPSK	1	1	17.64	17.72	17.72	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3460.61	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.64	17.70	17.79	19.5	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.74	17.68	17.87	19.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.74	17.74	17.75	19.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.63	17.72	17.80	19.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.69	17.77	17.78	19.5	0.0
Channel				630334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.62	17.80	17.86	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.66	17.77	17.79	19.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.61	17.74	17.70	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.69	17.78	17.76	19.5	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.43		20.0	0.0
100	PI/2 BPSK	1	137		18.39			
100	PI/2 BPSK	1	271		18.34			
100	PI/2 BPSK	135	0		18.47		20.0	0.0
100	PI/2 BPSK	135	69		18.40		20.0	0.0
100	PI/2 BPSK	135	138		18.24		20.0	0.0
100	PI/2 BPSK	270	0		18.44			
100	QPSK	1	1		18.47		20.0	0.0
100	QPSK	1	137		18.53			
100	QPSK	1	271		18.43			
100	QPSK	135	0		18.33		20.0	0.0
100	QPSK	135	69		18.50			
100	QPSK	135	138		18.46			
100	QPSK	270	0		18.46		20.0	0.0
100	16QAM	1	1		18.38		20.0	0.0
100	64QAM	1	1		18.38		20.0	0.0
100	256QAM	1	1		18.45		20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3750	3751.98	(dBm)	(dB)
90	QPSK	1	1	18.43	18.41	18.37	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3746.51	3750	3753.49	(dBm)	(dB)
80	QPSK	1	1	18.35	18.31	18.22	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3750	3750	3760	(dBm)	(dB)
70	QPSK	1	1	18.35	18.30	18.17	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.33	18.30	18.23	20.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.25	18.23	18.27	20.0	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.34	18.30	18.20	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.29	18.22	18.23	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.23	18.33	18.17	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.36	18.33	18.24	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.27	18.23	18.22	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.26	18.36	18.31	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.90		16.5	0.0
100	PI/2 BPSK	1	137		14.78			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.84		16.5	0.0
100	PI/2 BPSK	135	69		14.84		16.5	0.0
100	PI/2 BPSK	135	138		14.85		16.5	0.0
100	PI/2 BPSK	270	0		14.79			
100	QPSK	1	1		15.04		16.5	0.0
100	QPSK	1	137		15.05			
100	QPSK	1	271		14.97			
100	QPSK	135	0		14.86		16.5	0.0
100	QPSK	135	69		14.91			
100	QPSK	135	138		14.87			
100	QPSK	270	0		14.88		16.5	0.0
100	16QAM	1	1		14.89		16.5	0.0
100	64QAM	1	1		14.87		16.5	0.0
100	256QAM	1	1		14.88		16.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	14.94	14.93	14.92	16.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3463.02	3499.98	3537	(dBm)	(dB)
80	QPSK	1	1	14.97	14.95	14.94	16.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3460.61	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.04	14.94	14.93	16.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.96	14.96	15.00	16.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.92	14.97	14.96	16.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.93	15.01	14.99	16.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.03	14.98	15.02	16.5	0.0
Channel				630834	633332	633832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	14.97	14.99	14.96	16.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.04	14.95	14.91	16.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	14.90	15.04	14.96	16.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.03	15.02	14.96	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.39		17.0	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.46		17.0	0.0
100	PI/2 BPSK	135	69		15.36		17.0	0.0
100	PI/2 BPSK	135	138		15.34		17.0	0.0
100	PI/2 BPSK	270	0		15.44			
100	QPSK	1	1		15.46		17.0	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.46			
100	QPSK	135	0		15.40		17.0	0.0
100	QPSK	135	69		15.49			
100	QPSK	135	138		15.48			
100	QPSK	270	0		15.41		17.0	0.0
100	16QAM	1	1		15.38		17.0	0.0
100	64QAM	1	1		15.40		17.0	0.0
100	256QAM	1	1		15.48		17.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.44	15.39	15.46	17.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3746.51	3750	3769.49	(dBm)	(dB)
80	QPSK	1	1	15.49	15.47	15.39	17.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.46	15.46	15.48	17.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.38	15.46	15.48	17.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.39	15.48	15.38	17.0	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.40	15.35	15.37	17.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.45	15.45	15.37	17.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	15.37	15.49	15.35	17.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.47	15.48	15.41	17.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	15.42	15.39	15.38	17.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.35	15.37	15.49	17.0	0.0

Default & Full Power for ENDC NR_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	22.94	22.95	22.76		
50	Pi/2 BPSK	1	135	22.88	22.99	22.97	24.5	0.0
50	Pi/2 BPSK	1	268	22.95	22.95	22.91		
50	Pi/2 BPSK	135	0	22.31	22.31	22.28	24.0	0.5
50	Pi/2 BPSK	135	68	22.80	22.98	22.85	24.5	0.0
50	Pi/2 BPSK	135	135	22.32	22.42	22.40	24.0	0.5
50	Pi/2 BPSK	270	0	22.18	22.36	22.28		
50	QPSK	1	1	22.88	23.03	22.81		
50	QPSK	1	135	22.86	22.94	22.79	24.5	0.0
50	QPSK	1	268	22.66	22.77	22.70		
50	QPSK	135	0	21.71	21.88	21.81	23.5	1.0
50	QPSK	135	68	22.82	22.86	22.77	24.5	0.0
50	QPSK	135	135	21.55	21.66	21.52	23.5	1.0
50	QPSK	270	0	21.82	21.89	21.78		
50	16QAM	1	1	21.66	21.77	21.76	23.5	1.0
50	64QAM	1	1	20.23	20.31	20.18	22.0	2.5
50	256QAM	1	1	18.65	18.72	18.52	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	22.78	22.98	22.79	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.79	22.97	22.77	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.81	23.01	22.73	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	Pi/2 BPSK	1	1	22.83	22.97	22.70	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.84	22.96	22.70	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.82	22.91	22.75	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.93	22.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	24.41	24.52	24.40		
50	Pi/2 BPSK	1	135	24.50	24.50	24.33	25.5	0.0
50	Pi/2 BPSK	1	268	24.23	24.43	24.38		
50	Pi/2 BPSK	135	0	24.17	24.22	24.13	25.0	0.5
50	Pi/2 BPSK	135	68	24.38	24.49	24.37	25.5	0.0
50	Pi/2 BPSK	135	135	24.08	24.22	24.02	25.0	0.5
50	Pi/2 BPSK	270	0	24.13	24.29	24.23		
50	QPSK	1	1	24.49	24.56	24.52		
50	QPSK	1	135	24.27	24.47	24.33	25.5	0.0
50	QPSK	1	268	24.40	24.52	24.44		
50	QPSK	135	0	23.49	23.64	23.50	24.5	1.0
50	QPSK	135	68	24.46	24.51	24.44	25.5	0.0
50	QPSK	135	135	23.47	23.55	23.38	24.5	1.0
50	QPSK	270	0	23.52	23.58	23.49		
50	16QAM	1	1	23.30	23.32	23.20	24.5	1.0
50	64QAM	1	1	21.68	21.79	21.68	23.0	2.5
50	256QAM	1	1	20.18	20.37	20.17	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	24.40	24.52	24.47	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	24.46	24.48	24.47	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.44	24.54	24.48	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	Pi/2 BPSK	1	1	24.41	24.47	24.44	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.45	24.53	24.42	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.38	24.49	24.47	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.38	24.52	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	22.62	22.79	22.66		
50	Pi/2 BPSK	1	135	22.69	22.88	22.88	24.5	0.0
50	Pi/2 BPSK	1	268	22.65	22.82	22.67		
50	Pi/2 BPSK	135	0	22.46	22.49	22.44	24.0	0.5
50	Pi/2 BPSK	135	68	23.01	23.05	23.04	24.5	0.0
50	Pi/2 BPSK	135	135	22.44	22.61	22.57	24.0	0.5
50	Pi/2 BPSK	270	0	22.48	22.53	22.41		
50	QPSK	1	1	23.01	23.06	22.97		
50	QPSK	1	135	22.84	22.87	22.73	24.5	0.0
50	QPSK	1	268	22.75	22.82	22.70		
50	QPSK	135	0	21.78	21.93	21.83	23.5	1.0
50	QPSK	135	68	22.72	23.04	22.71	24.5	0.0
50	QPSK	135	135	21.91	22.10	22.03	23.5	1.0
50	QPSK	270	0	21.97	22.07	22.06		
50	16QAM	1	1	21.86	21.92	21.72	23.5	1.0
50	64QAM	1	1	20.25	20.28	20.12	22.0	2.5
50	256QAM	1	1	18.64	18.76	18.74	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	22.91	23.01	22.89	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.92	22.98	22.86	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.96	23.00	22.91	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	Pi/2 BPSK	1	1	22.99	23.00	22.87	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.98	23.03	22.88	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.90	23.00	22.95	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.97	23.02	22.93	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	24.13	24.31	24.23		
50	Pi/2 BPSK	1	135	24.41	24.45	24.32	25.5	0.0
50	Pi/2 BPSK	1	268	24.17	24.34	24.33		
50	Pi/2 BPSK	135	0	23.91	24.06	24.04	25.0	0.5
50	Pi/2 BPSK	135	68	24.29	24.44	24.30	25.5	0.0
50	Pi/2 BPSK	135	135	24.08	24.18	24.04	25.0	0.5
50	Pi/2 BPSK	270	0	24.02	24.14	24.13		
50	QPSK	1	1	24.42	24.47	24.37		
50	QPSK	1	135	24.32	24.39	24.30	25.5	0.0
50	QPSK	1	268	24.35	24.35	24.24		
50	QPSK	135	0	23.36	23.51	23.36	24.5	1.0
50	QPSK	135	68	24.39	24.44	24.32	25.5	0.0
50	QPSK	135	135	23.42	23.62	23.50	24.5	1.0
50	QPSK	270	0	23.38	23.48	23.45		
50	16QAM	1	1	23.09	23.26	23.21	24.5	1.0
50	64QAM	1	1	21.49	21.53	21.34	23.0	2.5
50	256QAM	1	1	20.60	20.13	20.11	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	24.40	24.36	24.28	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	24.37	24.43	24.31	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	24.33	24.42	24.35	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	Pi/2 BPSK	1	1	24.33	24.44	24.28	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.38	24.41	24.29	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.34	24.37	24.34	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.34	24.42	24.26	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.01	22.16	22.05		
40	Pi/2 BPSK	1	108	22.18	22.28	22.25	24.0	0.0
40	Pi/2 BPSK	1	214	22.09	22.15	22.07		
40	Pi/2 BPSK	108	0	21.56	21.56	21.53	23.5	0.5
40	Pi/2 BPSK	108	54	22.22	22.31	22.29	24.0	0.0
40	Pi/2 BPSK	108	108	21.63	21.66	21.58	23.5	0.5
40	Pi/2 BPSK	216	0	21.65	21.70	21.70		
40	QPSK	1	1	22.22	22.32	22.23		
40	QPSK	1	108	22.04	22.14	22.21	24.0	0.0
40	QPSK	1	214	22.03	22.10	22.03		
40	QPSK	108	0	21.00	21.05	21.02	23.0	1.0
40	QPSK	108	54	22.22	22.23	22.20	24.0	0.0
40	QPSK	108	108	21.06	21.11	21.07	23.0	1.0
40	QPSK	216	0	21.07	21.13	21.06		
40	16QAM	1	1	21.08	21.07	21.05	23.0	1.0
40	64QAM	1	1	19.57	19.51	19.68	21.5	2.5
40	256QAM	1	1	18.26	18.26	18.21	19.5	4.5
Channel				345200	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.17	22.30	22.17	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.12	22.21	22.21	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.18	22.30	22.15	24.0	0.0
Channel				343700	349000	354300	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.20	22.30	22.18	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.16	22.24	22.13	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.14	22.30	22.20	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.48	23.56	23.38		
40	Pi/2 BPSK	1	108	23.52	23.61	23.46	25.0	0.0
40	Pi/2 BPSK	1	214	23.29	23.48	23.35		
40	Pi/2 BPSK	108	0	22.90	22.91	22.87	24.5	0.5
40	Pi/2 BPSK	108	54	23.48	23.58	23.57	25.0	0.0
40	Pi/2 BPSK	108	108	22.98	23.04	22.96	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	23.09	23.03		
40	QPSK	1	1	23.61	23.65	23.55		
40	QPSK	1	108	23.52	23.56	23.49	25.0	0.0
40	QPSK	1	214	23.25	23.45	23.26		
40	QPSK	108	0	22.19	22.32	22.21	24.0	1.0
40	QPSK	108	54	23.46	23.51	23.41	25.0	0.0
40	QPSK	108	108	22.39	22.57	22.44	24.0	1.0
40	QPSK	216	0	22.50	22.58	22.48		
40	16QAM	1	1	22.03	22.23	22.06	24.0	1.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	2.5
40	256QAM	1	1	19.69	19.69	19.63	20.5	4.5
Channel				345200	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.53	23.58	23.48	25.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.57	23.57	23.49	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.51	23.55	23.46	25.0	0.0
Channel				343700	349000	354300	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.57	23.61	23.48	25.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.63	23.47	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.57	23.46	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.53	21.54	21.60		
40	Pi/2 BPSK	1	108	21.73	21.82	21.82	23.5	0.0
40	Pi/2 BPSK	1	214	21.51	21.61	21.65		
40	Pi/2 BPSK	108	0	21.10	21.03	21.13	23.0	0.5
40	Pi/2 BPSK	108	54	21.75	21.77	21.68	23.5	0.0
40	Pi/2 BPSK	108	108	21.19	21.10	21.16	23.0	0.5
40	Pi/2 BPSK	216	0	21.09	21.11	21.17		
40	QPSK	1	1	21.61	21.84	21.75		
40	QPSK	1	108	21.54	21.58	21.60	23.5	0.0
40	QPSK	1	214	21.50	21.55	21.55		
40	QPSK	108	0	20.50	20.57	20.52	22.5	1.0
40	QPSK	108	54	21.64	21.76	21.67	23.5	0.0
40	QPSK	108	108	20.54	20.56	20.55	22.5	1.0
40	QPSK	216	0	20.59	20.66	20.59		
40	16QAM	1	1	20.50	20.54	20.59	22.5	1.0
40	64QAM	1	1	19.07	19.08	19.09	21.0	2.5
40	256QAM	1	1	17.59	17.66	17.60	19.0	4.5
Channel				345200	349000	352800	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.51	21.73	21.69	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.57	21.80	21.71	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.50	21.73	21.73	23.5	0.0
Channel				343700	349000	354300	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.56	21.81	21.66	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.56	21.80	21.66	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.55	21.74	21.64	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.24	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343700	349000	354300	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.30	23.46	23.33		
40	PI/2 BPSK	1	53	23.40	23.50	23.41	25.0	0.0
40	PI/2 BPSK	1	104	23.33	23.33	23.28		
40	PI/2 BPSK	50	0	22.88	22.97	22.79	24.5	0.5
40	PI/2 BPSK	50	28	23.26	23.45	23.42	25.0	0.0
40	PI/2 BPSK	50	56	22.66	22.82	22.68	24.5	0.5
40	PI/2 BPSK	100	0	22.74	22.94	22.80		
40	QPSK	1	1	23.45	23.56	23.41		
40	QPSK	1	53	23.46	23.45	23.40	25.0	0.0
40	QPSK	1	104	23.19	23.22	23.03		
40	QPSK	50	0	22.45	22.53	22.46		
40	QPSK	50	28	23.34	23.49	23.36	25.0	0.0
40	QPSK	50	56	22.37	22.46	22.35		
40	QPSK	100	0	22.53	22.53	22.42	24.0	1.0
40	16QAM	1	1	22.21	22.41	22.38	24.0	1.0
40	64QAM	1	1	20.82	20.82	20.70	22.5	2.5
40	256QAM	1	1	19.16	19.33	19.22	20.5	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	23.39	23.45	23.39	25.0	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	23.42	23.48	23.39	25.0	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	23.38	23.54	23.32	25.0	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	23.43	23.53	23.36	25.0	0.0
Channel				515004	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2557.52	2595	2634.98	(dBm)	(dB)
10	QPSK	1	1	23.43	23.51	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.38	24.58	24.49		
40	PI/2 BPSK	1	53	24.53	24.56	24.51	25.7	0.0
40	PI/2 BPSK	1	104	24.37	24.54	24.47		
40	PI/2 BPSK	50	0	23.88	24.01	23.96	25.2	0.5
40	PI/2 BPSK	50	28	24.51	24.55	24.36	25.7	0.0
40	PI/2 BPSK	50	56	23.99	24.03	24.03	25.2	0.5
40	PI/2 BPSK	100	0	23.96	24.08	23.96		
40	QPSK	1	1	24.51	24.61	24.50		
40	QPSK	1	53	24.36	24.50	24.48	25.7	0.0
40	QPSK	1	104	24.24	24.42	24.37		
40	QPSK	50	0	23.90	23.60	23.41		
40	QPSK	50	28	24.49	24.60	24.41	25.7	0.0
40	QPSK	50	56	23.48	23.62	23.54		
40	QPSK	100	0	23.52	23.58	23.44	24.7	1.0
40	16QAM	1	1	23.19	23.29	23.13	24.7	1.0
40	64QAM	1	1	21.71	21.71	21.54	23.2	2.5
40	256QAM	1	1	20.10	20.33	20.22	21.2	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	24.43	24.59	24.47	25.7	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	24.48	24.53	24.39	25.7	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	24.48	24.55	24.42	25.7	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	24.41	24.57	24.44	25.7	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	24.49	24.58	24.43	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.25	23.36	23.25		
40	PI/2 BPSK	1	53	23.32	23.34	23.31	25.0	0.0
40	PI/2 BPSK	1	104	23.19	23.30	23.28		
40	PI/2 BPSK	50	0	22.73	22.84	22.75	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.38	23.28	25.0	0.0
40	PI/2 BPSK	50	56	22.72	22.78	22.75	24.5	0.5
40	PI/2 BPSK	100	0	22.75	22.87	22.85		
40	QPSK	1	1	23.32	23.40	23.28		
40	QPSK	1	53	23.29	23.38	23.25	25.0	0.0
40	QPSK	1	104	23.28	23.30	23.21		
40	QPSK	50	0	22.47	22.50	22.42		
40	QPSK	50	28	23.30	23.35	23.26	25.0	0.0
40	QPSK	50	56	22.47	22.52	22.46		
40	QPSK	100	0	22.45	22.50	22.39	24.0	1.0
40	16QAM	1	1	22.43	22.48	22.36	24.0	1.0
40	64QAM	1	1	20.57	20.63	20.54	22.5	2.5
40	256QAM	1	1	19.24	19.28	19.20	20.5	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	23.25	23.29	23.19	25.0	0.0
Channel				516004	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	23.25	23.38	23.19	25.0	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	23.22	23.32	23.19	25.0	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	23.23	23.36	23.17	25.0	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2557.52	2595	2634.98	(dBm)	(dB)
10	QPSK	1	1	23.28	23.38	23.17	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516500	516996		
Frequency (MHz)				2560.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.69	24.86	24.73		
40	PI/2 BPSK	1	53	24.78	24.83	24.76	25.7	0.0
40	PI/2 BPSK	1	104	24.17	24.32	24.27		
40	PI/2 BPSK	50	0	24.24	24.39	24.26	25.2	0.5
40	PI/2 BPSK	50	28	24.73	24.77	24.76	25.7	0.0
40	PI/2 BPSK	50	56	24.18	24.32	24.20	25.2	0.5
40	PI/2 BPSK	100	0	24.28	24.36	24.33		
40	QPSK	1	1	24.87	24.91	24.82		
40	QPSK	1	53	24.68	24.82	24.62	25.7	0.0
40	QPSK	1	104	24.61	24.77	24.75		
40	QPSK	50	0	23.98	23.98	23.83		
40	QPSK	50	28	24.80	24.88	24.74	25.7	0.0
40	QPSK	50	56	23.76	23.81	23.80		
40	QPSK	100	0	23.85	23.96	23.91	24.7	1.0
40	16QAM	1	1	23.69	23.78	23.72	24.7	1.0
40	64QAM	1	1	22.04	22.17	22.11	23.2	2.5
40	256QAM	1	1	20.58	20.75	20.69	21.2	4.5
Channel				517002	518000	520998	Tune-up limit	MPR
Frequency (MHz)				2565.01	2595	2624.99	(dBm)	(dB)
30	QPSK	1	1	24.81	24.85	24.74	25.7	0.0
Channel				516504	516500	521496	Tune-up limit	MPR
Frequency (MHz)				2562.52	2595	2627.48	(dBm)	(dB)
25	QPSK	1	1	24.77	24.83	24.75	25.7	0.0
Channel				516000	516000	522000	Tune-up limit	MPR
Frequency (MHz)				2560	2560	2630	(dBm)	(dB)
20	QPSK	1	1	24.77	24.81	24.71	25.7	0.0
Channel				515552	516000	520448	Tune-up limit	MPR
Frequency (MHz)				2557.51	2595	2632.49	(dBm)	(dB)
15	QPSK	1	1	24.79	24.82	24.78	25.7	0.0
Channel				515504	516000	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	24.80	24.81	24.78	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.33	23.44	23.26	25.0	0.0
100	PI/2 BPSK	1	137	23.46	23.49	23.31		
100	PI/2 BPSK	1	271	23.50	23.51	23.40		
100	PI/2 BPSK	135	0	23.06	23.23	23.21	24.5	0.5
100	PI/2 BPSK	135	69	23.32	23.46	23.34	25.0	0.0
100	PI/2 BPSK	135	138	23.09	23.16	23.15		
100	PI/2 BPSK	270	0	23.16	23.19	22.99	24.5	0.5
100	QPSK	1	1	23.52	23.58	23.48		
100	QPSK	1	137	23.42	23.51	23.42	25.0	0.0
100	QPSK	1	271	23.34	23.42	23.30		
100	QPSK	135	0	22.73	22.82	22.77		
100	QPSK	135	69	23.47	23.55	23.42	25.0	0.0
100	QPSK	135	138	22.70	22.73	22.59		
100	QPSK	270	0	22.68	22.73	22.62	24.0	1.0
100	16QAM	1	1	22.33	22.47	22.32	24.0	1.0
100	64QAM	1	1	20.62	20.74	20.65	22.5	2.5
100	256QAM	1	1	19.37	19.51	19.40	20.5	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.15	23.23	23.11	25.0	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.13	23.27	23.08	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	23.18	23.25	23.08	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.20	23.28	23.09	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.15	23.24	23.13	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.19	23.27	23.12	25.0	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.19	23.29	23.14	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.14	23.28	23.13	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.22	23.30	23.13	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.21	23.26	23.11	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.50	24.51	24.39	25.7	0.0
100	PI/2 BPSK	1	137	24.50	24.53	24.53		
100	PI/2 BPSK	1	271	24.47	24.52	24.50		
100	PI/2 BPSK	135	0	24.07	24.14	23.99	25.2	0.5
100	PI/2 BPSK	135	69	24.44	24.47	24.28	25.7	0.0
100	PI/2 BPSK	135	138	24.14	24.24	24.14		
100	PI/2 BPSK	270	0	24.02	24.21	24.17	25.2	0.5
100	QPSK	1	1	24.53	24.62	24.49		
100	QPSK	1	137	24.40	24.47	24.28	25.7	0.0
100	QPSK	1	271	24.53	24.59	24.46		
100	QPSK	135	0	23.83	23.86	23.85		
100	QPSK	135	69	24.49	24.52	24.43	25.7	0.0
100	QPSK	135	138	23.71	23.84	23.72		
100	QPSK	270	0	23.72	23.82	23.76	24.7	1.0
100	16QAM	1	1	23.24	23.38	23.24	24.7	1.0
100	64QAM	1	1	21.73	21.88	21.85	23.2	2.5
100	256QAM	1	1	20.33	20.53	20.17	21.2	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	24.30	24.37	24.23	25.7	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.35	24.53	24.26	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	24.31	24.37	24.22	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.34	24.40	24.24	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	24.34	24.36	24.22	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.35	24.35	24.26	25.7	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.38	24.32	24.25	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.40	24.39	24.25	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.30	24.38	24.24	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.33	24.35	24.19	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.22	23.31	23.27	25.0	0.0
100	PI/2 BPSK	1	137	23.31	23.38	23.25		
100	PI/2 BPSK	1	271	23.21	23.27	23.27		
100	PI/2 BPSK	135	0	22.88	23.03	22.87	24.5	0.5
100	PI/2 BPSK	135	69	23.20	23.29	23.18	25.0	0.0
100	PI/2 BPSK	135	138	22.91	22.93	22.90		
100	PI/2 BPSK	270	0	22.78	22.96	22.83	24.5	0.5
100	QPSK	1	1	23.32	23.42	23.41		
100	QPSK	1	137	23.17	23.31	23.12	25.0	0.0
100	QPSK	1	271	23.29	23.32	23.20		
100	QPSK	135	0	22.34	22.51	22.45		
100	QPSK	135	69	23.26	23.40	23.37	25.0	0.0
100	QPSK	135	138	22.42	22.46	22.26		
100	QPSK	270	0	22.42	22.45	22.36	24.0	1.0
100	16QAM	1	271	22.19	22.23	22.08	24.0	1.0
100	64QAM	1	271	20.53	20.68	20.66	22.5	2.5
100	256QAM	1	271	19.23	19.26	19.26	20.5	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.25	23.38	23.31	25.0	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.25	23.40	23.32	25.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	23.22	23.35	23.30	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.24	23.40	23.32	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.25	23.36	23.37	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.27	23.36	23.38	25.0	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.29	23.37	23.33	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.22	23.34	23.31	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	23.26	23.32	23.39	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	23.26	23.37	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526602		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.79	24.81	24.75	25.7	0.0
100	PI/2 BPSK	1	137	24.88	24.91	24.82		
100	PI/2 BPSK	1	271	24.91	24.93	24.83		
100	PI/2 BPSK	135	0	24.53	24.57	24.36	25.2	0.5
100	PI/2 BPSK	135	69	24.74	24.92	24.80	25.7	0.0
100	PI/2 BPSK	135	138	24.40	24.55	24.47		
100	PI/2 BPSK	270	0	24.50	24.64	24.49	25.2	0.5
100	QPSK	1	1	24.88	24.96	24.83		
100	QPSK	1	137	24.73	24.86	24.80	25.7	0.0
100	QPSK	1	271	24.86	24.87	24.73		
100	QPSK	135	0	24.17	24.22	24.16		
100	QPSK	135	69	24.83	24.91	24.77	25.7	0.0
100	QPSK	135	138	23.88	24.17	23.98		
100	QPSK	270	0	24.39	24.44	24.36	24.7	1.0
100	16QAM	1	271	23.81	23.83	23.80	24.7	1.0
100	64QAM	1	271	22.01	22.16	22.16	23.2	2.5
100	256QAM	1	271	20.76	20.76	20.59	21.2	4.5
Channel				506202	518598	526602	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	24.51	24.61	24.48	25.7	0.0
Channel				507204	518598	526998	Tune-up limit	MPR
Frequency (MHz)				2636.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	24.57	24.53	24.51	25.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2591.01	2592.99	2660	(dBm)	(dB)
70	QPSK	1	1	24.44	24.50	24.43	25.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	24.51	24.53	24.47	25.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	24.57	24.54	24.44	25.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	24.53	24.54	24.56	25.7	0.0
Channel				502204	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	24.60	24.55	24.50	25.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	24.49	24.55	24.52	25.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	24.57	24.50	24.47	25.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	24.54	24.58	24.46	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.11		25.5	0.0
100	PI/2 BPSK	1	137		24.21			
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		23.56		25.0	0.5
100	PI/2 BPSK	135	69		24.04		25.5	0.0
100	PI/2 BPSK	135	138		23.37		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.13		25.5	0.0
100	QPSK	1	137		24.24			
100	QPSK	1	271		24.11			
100	QPSK	135	0		23.24		25.5	0.0
100	QPSK	135	69		24.22			
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.18		24.5	1.0
100	16QAM	1	1		23.15		24.5	1.0
100	64QAM	1	1		21.55		23.0	2.5
100	256QAM	1	1		19.37		21.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	24.13	24.16	23.12	25.5	0.0
Channel				630958	633332	634509	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3550	(dBm)	(dB)
80	QPSK	1	1	24.08	24.15	23.19	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3450.01	3499.98	3554.98	(dBm)	(dB)
70	QPSK	1	1	24.15	24.15	23.19	25.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3499.98	3550.98	(dBm)	(dB)
60	QPSK	1	1	24.08	24.19	23.18	25.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.21	23.19	25.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	23.20	25.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.09	24.19	23.21	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.15	24.21	23.17	25.5	0.0
Channel				630668	633332	633998	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.21	23.16	25.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.10	24.21	23.18	25.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.08	24.20	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3550	3840	3930		
100	PI/2 BPSK	1	1	24.36	24.25	24.53	26.0	0.0
100	PI/2 BPSK	1	137	24.79	24.64	24.68		
100	PI/2 BPSK	1	271	24.69	24.55	24.73		
100	PI/2 BPSK	135	0	24.46	24.38	24.63	25.5	0.5
100	PI/2 BPSK	135	69	24.76	24.66	24.85	26.0	0.0
100	PI/2 BPSK	135	138	24.57	24.47	24.66	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.41	24.61		
100	QPSK	1	1	24.58	24.45	24.68	26.0	0.0
100	QPSK	1	137	25.00	24.85	25.03		
100	QPSK	1	271	24.91	24.75	24.99		
100	QPSK	135	0	24.90	24.73	24.98		
100	QPSK	135	69	24.94	24.81	24.99	26.0	0.0
100	QPSK	135	138	24.92	24.75	24.95		
100	QPSK	270	0	24.68	24.60	24.15	25.0	1.0
100	16QAM	1	1	24.30	24.12	24.30	25.0	1.0
100	64QAM	1	1	22.77	22.60	22.84	23.5	2.5
100	256QAM	1	1	20.64	20.47	20.66	21.5	4.5
Channel				640668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	24.93	24.83	24.96	26.0	0.0
Channel				640334	636000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	24.97	24.81	24.97	26.0	0.0
Channel				640000	636000	663000	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
70	QPSK	1	1	24.96	24.74	24.95	26.0	0.0
Channel				639668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3840	3939.98	(dBm)	(dB)
60	QPSK	1	1	24.91	24.83	24.95	26.0	0.0
Channel				640334	636000	663666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3959.99	(dBm)	(dB)
50	QPSK	1	1	24.92	24.76	24.94	26.0	0.0
Channel				640000	636000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.93	24.74	24.99	26.0	0.0
Channel				641334	636000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.97	24.79	25.01	26.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	24.98	24.75	24.92	26.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.89	24.75	24.92	26.0	0.0
Channel				647168	636000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.96	24.74	24.86	26.0	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.97	24.74	25.01	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.99			
100	PI/2 BPSK	1	271		20.86			
100	PI/2 BPSK	135	0		20.91		22.5	0.0
100	PI/2 BPSK	135	69		20.96		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.07		22.5	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.97		22.5	0.0
100	QPSK	135	69		21.15			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.00		22.5	0.0
100	16QAM	1	1		21.00		22.5	0.0
100	64QAM	1	1		20.98		22.5	0.0
100	256QAM	1	1		19.37		21.0	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	21.05	21.04	21.01	22.5	0.0
Channel				630958	633332	634509	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3550	(dBm)	(dB)
80	QPSK	1	1	20.99	21.04	20.99	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3450.01	3499.98	3554.98	(dBm)	(dB)
70	QPSK	1	1	21.04	21.09	21.02	22.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3450	3499.98	3550.98	(dBm)	(dB)
60	QPSK	1	1	21.00	21.08	20.98	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.99	21.06	20.95	22.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.06	21.12	20.98	22.5	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.02	21.05	21.00	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.03	21.11	21.01	22.5	0.0
Channel				630668	633332	633998	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.00	21.04	20.99	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.05	21.10	21.02	22.5	0.0
Channel				630334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.06	21.09	21.02	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				630000	636000	642000		
Frequency (MHz)				3550	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.47	21.42	23.0	0.0
100	PI/2 BPSK	1	137	21.58	21.76	21.73		
100	PI/2 BPSK	1	271	21.46	21.55	21.55		
100	PI/2 BPSK	135	0	21.70	21.75	21.70	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.68	21.67	23.0	0.0
100	PI/2 BPSK	135	138	21.51	21.65	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.52	21.70	21.58		
100	QPSK	1	1	21.46	21.46	21.46	23.0	0.0
100	QPSK	1	137	21.88	21.80	21.97		
100	QPSK	1	271	21.71	21.72	21.67		
100	QPSK	135	0	21.60	21.57	21.66	23.0	0.0
100	QPSK	135	69	21.75	21.77	21.86		
100	QPSK	135	138	21.71	21.72	21.71		
100	QPSK	270	0	21.67	21.76	21.82	23.0	0.0
100	16QAM	1	1	21.62	21.94	21.87	23.0	0.0
100	64QAM	1	1	21.81	21.84	21.83	23.0	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.5
Channel				640668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.84	21.72	21.83	23.0	0.0
Channel				640334	636000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.81	21.72	21.94	23.0	0.0
Channel				640000	636000	663000	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
70	QPSK	1	1	21.80	21.70	21.88	23.0	0.0
Channel				639668	636000	663332	Tune-up limit	MPR
Frequency (MHz)				3739.02	3840	3939.98	(dBm)	(dB)
60	QPSK	1	1	21.86	21.69	21.94	23.0	0.0
Channel				640334	636000	663666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3959.99	(dBm)	(dB)
50	QPSK	1	1	21.81	21.75	21.92	23.0	0.0
Channel				640000	636000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	21.72	21.91	23.0	0.0
Channel				641334	636000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.80	21.73	21.95	23.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.77	21.73	21.89	23.0	0.0
Channel				647334	636000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.86	21.72	21.95	23.0	0.0
Channel				647168	636000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.84	21.71	21.86	23.0	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.84	21.76	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.67		26.0	0.0
100	PI/2 BPSK	1	137		25.71			
100	PI/2 BPSK	1	271		25.64			
100	PI/2 BPSK	135	0		25.34		25.5	0.5
100	PI/2 BPSK	135	69		25.68		26.0	0.0
100	PI/2 BPSK	135	138		25.24		25.5	0.5
100	PI/2 BPSK	270	0		25.31			
100	QPSK	1	1		25.57		26.0	0.0
100	QPSK	1	137		25.73			
100	QPSK	1	271		25.56			
100	QPSK	135	0		24.86		26.0	0.0
100	QPSK	135	69		25.72			
100	QPSK	135	138		24.68			
100	QPSK	270	0		24.87		25.0	1.0
100	16QAM	1	1		24.79		25.0	1.0
100	64QAM	1	1		23.20		23.5	2.5
100	256QAM	1	1		21.14		21.5	4.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3004.99		
90	QPSK	1	1	25.44	25.51	24.48	26.0	0.0
Channel				636668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3600		
80	QPSK	1	1	25.41	25.52	24.46	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3004.99		
70	QPSK	1	1	25.44	25.48	24.49	26.0	0.0
Channel				630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3018.99		
60	QPSK	1	1	25.42	25.55	24.52	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	25.40	25.48	24.46	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3029.98		
40	QPSK	1	1	25.43	25.51	24.53	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3034.99		
30	QPSK	1	1	25.40	25.47	24.52	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3037.48		
25	QPSK	1	1	25.39	25.54	24.55	26.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3040		
20	QPSK	1	1	25.45	25.50	24.54	26.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.5	3466.98	3042.49		
15	QPSK	1	1	25.39	25.52	24.53	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3044.98		
10	QPSK	1	1	25.48	25.53	24.54	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3800		
100	PI/2 BPSK	1	1	25.56	25.62	25.53	26.0	0.0
100	PI/2 BPSK	1	137	25.74	25.76	25.67		
100	PI/2 BPSK	1	271	25.49	25.60	25.49		
100	PI/2 BPSK	135	0	25.25	25.37	25.29	25.5	0.5
100	PI/2 BPSK	135	69	25.65	25.74	25.71	26.0	0.0
100	PI/2 BPSK	135	138	25.24	25.35	25.30	25.5	0.5
100	PI/2 BPSK	270	0	25.26	25.31	25.23		
100	QPSK	1	1	25.48	25.53	25.50	26.0	0.0
100	QPSK	1	137	25.73	25.78	25.67		
100	QPSK	1	271	25.52	25.58	25.52		
100	QPSK	135	0	24.71	24.80	24.72	26.0	0.0
100	QPSK	135	69	25.70	25.77	25.65		
100	QPSK	135	138	24.77	24.81	24.72		
100	QPSK	270	0	24.77	24.82	24.75	25.0	1.0
100	16QAM	1	1	24.71	24.75	24.65	25.0	1.0
100	64QAM	1	1	23.10	23.20	23.12	23.5	2.5
100	256QAM	1	1	21.03	21.05	21.00	21.5	4.5
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.37	25.50	25.42	26.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.43	25.50	25.47	26.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.49	25.45	25.41	26.0	0.0
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3945.98		
60	QPSK	1	1	25.43	25.49	25.46	26.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.46	25.46	25.42	26.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.40	25.44	25.42	26.0	0.0
Channel				635668	636000	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.46	25.49	25.43	26.0	0.0
Channel				635334	636000	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.46	25.48	25.48	26.0	0.0
Channel				647334	636000	624666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.45	25.49	25.43	26.0	0.0
Channel				647166	636000	624832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.44	25.42	25.45	26.0	0.0
Channel				647000	636000	625000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.43	25.47	25.48	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		22.37		23.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.55		23.0	0.0
100	PI/2 BPSK	135	69		22.53		23.0	0.0
100	PI/2 BPSK	135	138		22.50		23.0	0.0
100	PI/2 BPSK	270	0		22.36			
100	QPSK	1	1		22.45		23.0	0.0
100	QPSK	1	137		22.70			
100	QPSK	1	271		22.56			
100	QPSK	135	0		22.42		23.0	0.0
100	QPSK	135	69		22.65			
100	QPSK	135	138		22.48			
100	QPSK	270	0		22.53		23.0	0.0
100	16QAM	1	1		22.52		23.0	0.0
100	64QAM	1	1		22.53		23.0	0.0
100	256QAM	1	1		22.14		21.5	1.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3004.99		
90	QPSK	1	1	22.56	22.64	22.58	23.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3600		
80	QPSK	1	1	22.60	22.68	22.55	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3004.99		
70	QPSK	1	1	22.59	22.59	22.51	23.0	0.0
Channel				630000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3018.99		
60	QPSK	1	1	22.57	22.67	22.55	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	22.60	22.66	22.58	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3029.98		
40	QPSK	1	1	22.54	22.63	22.55	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3034.99		
30	QPSK	1	1	22.60	22.62	22.58	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3037.48		
25	QPSK	1	1	22.57	22.67	22.49	23.0	0.0
Channel				636668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3466.98	3040		
20	QPSK	1	1	22.55	22.68	22.58	23.0	0.0
Channel				636500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3466.98	3042.49		
15	QPSK	1	1	22.54	22.63	22.51	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3044.98		
10	QPSK	1	1	22.60	22.67	22.58	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3800		
100	PI/2 BPSK	1	1	22.56	22.53	22.51	23.0	0.0
100	PI/2 BPSK	1	137	22.69	22.74	22.63		
100	PI/2 BPSK	1	271	22.66	22.74	22.41		
100	PI/2 BPSK	135	0	22.74	22.58	22.37	23.0	0.0
100	PI/2 BPSK	135	69	22.59	22.65	22.39	23.0	0.0
100	PI/2 BPSK	135	138	22.60	22.51	22.26	23.0	0.0
100	PI/2 BPSK	270	0	22.77	22.67	22.25		
100	QPSK	1	1	22.55	22.65	22.49	23.0	0.0
100	QPSK	1	137	22.78	22.79	22.65		
100	QPSK	1	271	22.72	22.78	22.52		
100	QPSK	135	0	22.61	22.60	22.42	23.0	0.0
100	QPSK	135	69	22.65	22.73	22.54		
100	QPSK	135	138	22.61	22.53	22.35		
100	QPSK	270	0	22.68	22.70	22.63	23.0	0.0
100	16QAM	1	1	22.65	22.69	22.43	23.0	0.0
100	64QAM	1	1	22.49	22.51	22.34	23.0	0.0
100	256QAM	1	1	22.53	22.55	22.30	21.5	1.5
Channel				636668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.72	22.76	22.61	23.0	0.0
Channel				636334	636000	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.70	22.74	22.63	23.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.69	22.75	22.58	23.0	0.0
Channel				635668	636000	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3945.98		
60	QPSK	1	1	22.69	22.68	22.63	23.0	0.0
Channel				635334	636000	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.75	22.76	22.57	23.0	0.0
Channel				636000	636000	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.71	22.74	22.54	23.0	0.0
Channel				635668	636000	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.76	22.77	22.59	23.0	0.0
Channel				635334	636000	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.67	22.69	22.56	23.0	0.0
Channel				647334	636000	624666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.69	22.68	22.60	23.0	0.0
Channel				647166	636000	624832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.76	22.76	22.63	23.0	0.0
Channel				647000	636000	625000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.70	22.76	22.60	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		24.20			
100	PI/2 BPSK	1	137		24.31		25.5	0.0
100	PI/2 BPSK	1	271		24.24			
100	PI/2 BPSK	135	0		23.94		25.0	0.5
100	PI/2 BPSK	135	69		24.27		25.5	0.0
100	PI/2 BPSK	135	138		23.89		25.0	0.5
100	PI/2 BPSK	270	0		23.89			
100	QPSK	1	1		24.21			
100	QPSK	1	137		24.34		25.5	0.0
100	QPSK	1	271		24.32			
100	QPSK	135	0		23.83			
100	QPSK	135	69		24.32		25.5	0.0
100	QPSK	135	138		23.51			
100	QPSK	270	0		23.56		24.5	1.0
100	16QAM	1	1		23.60		24.5	1.0
100	64QAM	1	1		22.01		23.0	2.5
100	256QAM	1	1		19.89		21.0	4.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.04	24.19	23.18	25.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	24.11	24.12	23.16	25.5	0.0
Channel				632134	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	24.03	24.19	23.17	25.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	24.06	24.11	23.11	25.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.12	23.10	25.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.08	24.10	23.12	25.5	0.0
Channel				631000	633332	635664	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.04	24.13	23.12	25.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.09	24.17	23.19	25.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.15	23.14	25.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.08	24.16	23.14	25.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.05	24.16	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3900	(dBm)	(dB)
100	PI/2 BPSK	1	1	24.65	24.87	24.85		
100	PI/2 BPSK	1	137	24.70	24.96	24.92	26.5	0.0
100	PI/2 BPSK	1	271	24.66	24.90	24.85		
100	PI/2 BPSK	135	0	24.29	24.54	24.50	26.0	0.5
100	PI/2 BPSK	135	69	24.63	24.93	24.84	26.5	0.0
100	PI/2 BPSK	135	138	24.32	24.62	24.54	26.0	0.5
100	PI/2 BPSK	270	0	24.24	24.56	24.51		
100	QPSK	1	1	24.66	24.73	24.68		
100	QPSK	1	137	24.75	24.99	24.95	26.5	0.0
100	QPSK	1	271	24.65	24.93	24.82		
100	QPSK	135	0	23.86	23.94	23.91		
100	QPSK	135	69	24.70	24.96	24.90	26.5	0.0
100	QPSK	135	138	23.81	23.90	23.88		
100	QPSK	270	0	23.70	23.97	23.94	25.5	1.0
100	16QAM	1	1	23.66	23.90	23.87	25.5	1.0
100	64QAM	1	1	22.05	22.29	22.18	24.0	2.5
100	256QAM	1	1	20.22	20.34	20.33	22.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	24.63	24.82	24.80	26.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	24.62	24.68	24.65	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.57	24.70	24.59	26.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	24.60	24.62	24.59	26.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	24.58	24.66	24.63	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.64	24.67	24.63	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.63	24.70	24.60	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
25	QPSK	1	1	24.63	24.62	24.64	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.60	24.64	24.66	26.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.53	24.64	24.64	26.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.56	24.65	24.62	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.08			
100	PI/2 BPSK	1	137		21.10		22.5	0.0
100	PI/2 BPSK	1	271		21.21			
100	PI/2 BPSK	135	0		21.20		22.5	0.0
100	PI/2 BPSK	135	69		21.09		22.5	0.0
100	PI/2 BPSK	135	138		21.14		22.5	0.0
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.22			
100	QPSK	1	137		21.32		22.5	0.0
100	QPSK	1	271		21.25			
100	QPSK	135	0		21.11			
100	QPSK	135	69		21.26		22.5	0.0
100	QPSK	135	138		21.05			
100	QPSK	270	0		21.22		22.5	0.0
100	16QAM	1	1		21.04		22.5	0.0
100	64QAM	1	1		21.29		22.5	0.0
100	256QAM	1	1		19.89		21.0	1.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.16	21.30	21.13	22.5	0.0
Channel				630668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3465.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.16	21.30	21.20	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	21.20	21.28	21.19	22.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	21.23	21.29	21.13	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.23	21.29	21.12	22.5	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.19	21.23	21.16	22.5	0.0
Channel				631000	633332	635664	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.22	21.24	21.13	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.23	21.24	21.12	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.19	21.23	21.13	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.21	21.21	21.18	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.18	21.24	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3900	(dBm)	(dB)
100	PI/2 BPSK	1	1	21.57	21.84	21.88		
100	PI/2 BPSK	1	137	21.53	21.84	21.84	23.5	0.0
100	PI/2 BPSK	1	271	21.62	21.92	21.86		
100	PI/2 BPSK	135	0	21.63	21.79	21.77	23.5	0.0
100	PI/2 BPSK	135	69	21.59	21.69	21.83	23.5	0.0
100	PI/2 BPSK	135	138	21.65	21.83	21.82	23.5	0.0
100	PI/2 BPSK	270	0	21.47	21.79	21.77		
100	QPSK	1	1	21.64	21.73	21.85		
100	QPSK	1	137	21.73	21.89	21.85	23.5	0.0
100	QPSK	1	271	21.58	21.87	21.84		
100	QPSK	135	0	21.59	21.94	21.67		
100	QPSK	135	69	21.72	21.85	21.78	23.5	0.0
100	QPSK	135	138	21.61	21.94	21.80		
100	QPSK	270	0	21.59	21.75	21.69	23.5	0.0
100	16QAM	1	1	21.67	21.82	21.83	23.5	0.0
100	64QAM	1	1	21.55	21.84	21.76	23.5	0.0
100	256QAM	1	1	20.22	20.34	20.33	22.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.66	21.82	21.81	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.64	21.82	21.78	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.65	21.85	21.76	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.63	21.86	21.76	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.68	21.79	21.74	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.68	21.87	21.78	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.65	21.87	21.82	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
25	QPSK	1	1	21.69	21.80	21.79	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.67	21.79	21.76	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.66	21.87	21.77	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.71	21.82	21.81	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		24.90			
100	PI/2 BPSK	1	137		24.90		26.0	0.0
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.56		25.5	0.5
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		24.43		25.5	0.5
100	PI/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.72		26.0	0.0
100	QPSK	1	137		24.97			
100	QPSK	1	271		24.93			
100	QPSK	135	0		24.04		26.0	0.0
100	QPSK	135	69		24.98			
100	QPSK	135	138		24.61			
100	QPSK	270	0		23.96		25.0	1.0
100	16QAM	1	1		23.78		25.0	1.0
100	64QAM	1	1		22.22		23.5	2.5
100	256QAM	1	1		20.11		21.5	4.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.59	24.57	23.66	26.0	0.0
Channel				636668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.63	24.67	23.69	25.0	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	24.62	24.63	23.61	26.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.58	24.70	23.64	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.63	24.68	23.63	26.0	0.0
Channel				631334	633332	635330	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.62	24.66	23.70	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.57	24.64	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.60	24.65	23.66	26.0	0.0
Channel				636668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.55	24.66	23.64	26.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3465.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.54	24.65	23.67	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.55	24.68	23.70	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3900		
100	PI/2 BPSK	1	1	24.95	24.80	25.00		
100	PI/2 BPSK	1	137	25.42	25.25	25.53	26.5	0.0
100	PI/2 BPSK	1	271	25.23	25.06	25.25		
100	PI/2 BPSK	135	0	24.56	24.45	24.67	26.0	0.5
100	PI/2 BPSK	135	69	25.34	25.21	25.40	26.5	0.0
100	PI/2 BPSK	135	138	25.07	24.93	25.16	26.0	0.5
100	PI/2 BPSK	270	0	25.03	24.90	25.09		
100	QPSK	1	1	25.38	25.25	25.49		
100	QPSK	1	137	25.44	25.31	25.55	26.5	0.0
100	QPSK	1	271	25.30	25.20	25.40		
100	QPSK	135	0	24.66	24.55	24.76		
100	QPSK	135	69	25.36	25.28	25.53	26.5	0.0
100	QPSK	135	138	24.66	24.53	24.76		
100	QPSK	270	0	24.42	24.27	24.55	25.5	1.0
100	16QAM	1	1	24.35	24.25	24.44	25.5	1.0
100	64QAM	1	1	22.95	22.79	23.06	24.0	2.5
100	256QAM	1	1	20.72	20.62	20.89	22.0	4.5
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3792.02	3840	3887.98	(dBm)	(dB)
90	QPSK	1	1	25.29	25.15	25.41	26.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3782.01	3840	3897.99	(dBm)	(dB)
80	QPSK	1	1	25.34	25.14	25.46	26.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3772	3840	3908	(dBm)	(dB)
70	QPSK	1	1	25.39	25.14	25.44	26.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3762.02	3840	3917.98	(dBm)	(dB)
60	QPSK	1	1	25.27	25.18	25.43	26.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.01	3840	3927.99	(dBm)	(dB)
50	QPSK	1	1	25.31	25.16	25.41	26.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3742	3840	3938	(dBm)	(dB)
40	QPSK	1	1	25.36	25.23	25.38	26.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3732.02	3840	3947.98	(dBm)	(dB)
30	QPSK	1	1	25.28	25.16	25.40	26.5	0.0
Channel				635334	636000	636666	Tune-up limit	MPR
Frequency (MHz)				3722.5	3840	3957.5	(dBm)	(dB)
25	QPSK	1	1	25.28	25.16	25.45	26.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.01	3840	3967.99	(dBm)	(dB)
20	QPSK	1	1	25.32	25.16	25.40	26.5	0.0
Channel				647166	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	25.32	25.15	25.46	26.5	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	25.28	25.23	25.38	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.94			
100	PI/2 BPSK	1	137		21.90		23.0	0.0
100	PI/2 BPSK	1	271		21.95			
100	PI/2 BPSK	135	0		21.93		23.0	0.0
100	PI/2 BPSK	135	69		21.81		23.0	0.0
100	PI/2 BPSK	135	138		21.86		23.0	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		21.87		23.0	0.0
100	QPSK	1	137		21.97			
100	QPSK	1	271		21.96			
100	QPSK	135	0		21.80		23.0	0.0
100	QPSK	135	69		21.95			
100	QPSK	135	138		21.91			
100	QPSK	270	0		21.94		23.0	0.0
100	16QAM	1	1		21.80		23.0	0.0
100	64QAM	1	1		21.84		23.0	0.0
100	256QAM	1	1		20.11		21.5	1.5
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.83	21.95	21.78	23.0	0.0
Channel				636668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.80	21.91	21.82	23.0	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	21.84	21.88	21.80	23.0	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.83	21.86	21.79	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.82	21.86	21.78	23.0	0.0
Channel				631334	633332	635330	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.87	21.89	21.77	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.81	21.89	21.79	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.80	21.88	21.79	23.0	0.0
Channel				636668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.84	21.93	21.83	23.0	0.0
Channel				636500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3487.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.84	21.91	21.83	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.83	21.90	21.78	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633666	636000	636000		
Frequency (MHz)				3795	3840	3900		
100	PI/2 BPSK	1	1	22.22	22.05	22.34		
100	PI/2 BPSK	1	137	22.20	22.03	22.43	23.5	0.0
100	PI/2 BPSK	1	271	22.26	21.91	22.54		
100	PI/2 BPSK	135	0	22.18	21.93	22.37	23.5	0.0
100	PI/2 BPSK	135	69	22.13	22.12	22.41	23.5	0.0
100	PI/2 BPSK	135	138	22.20	22.13	22.41	23.5	0.0
100	PI/2 BPSK	270	0	22.24	21.97	22.48		
100	QPSK	1	1	22.19	22.08	22.55		
100	QPSK	1	137	22.19	22.23	22.57	23.5	0.0
100	QPSK	1	271	22.22	21.98	22.48		
100	QPSK	135	0	22.25	22.05	22.49		
100	QPSK	135	69	22.23	22.20	22.52	23.5	0.0
100	QPSK	135	138	22.18	22.01	22.41		
100	QPSK	270	0	22.14	22.14	22.51	23.5	0.0
100	16QAM	1	1	22.20	21.97	22.49	23.5	0.0
100	64QAM	1	1	22.18	22.04	22.38	23.5	0.0
100	256QAM	1	1	20.72	20.62	20.89	22.0	1.5
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3792.02	3840	3894.98	(dBm)	(dB)
90	QPSK	1	1	22.11	22.13	22.53	23.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3782.01	3840	3905.99	(dBm)	(dB)
80	QPSK	1	1	22.17	22.15	22.52	23.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3772	3840	3908	(dBm)	(dB)
70	QPSK	1	1	22.08	22.14	22.53	23.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3762.02	3840	3917.98	(dBm)	(dB)
60	QPSK	1	1	22.12	22.13	22.52	23.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.01	3840	3927.99	(dBm)	(dB)
50	QPSK	1	1	22.10	22.15	22.55	23.5	0.0
Channel				636000	636000	636000	Tune-up limit	MPR
Frequency (MHz)				3742	3840	3938	(dBm)	(dB)
40	QPSK	1	1	22.17	22.20	22.50	23.5	0.0
Channel				635668	636000	636332	Tune-up limit	MPR
Frequency (MHz)				3732.02	3840	3947.98	(dBm)	(dB)
30	QPSK	1	1	22.11	22.13	22.55	23.5	0.0
Channel				635334	636000	636666	Tune-up limit	MPR
Frequency (MHz)				3722.5	3840	3957.5	(dBm)	(dB)
25	QPSK	1	1	22.17	22.19	22.51	23.5	0.0
Channel				647334	636000	624666	Tune-up limit	MPR
Frequency (MHz)				3712.01	3840	3967.99	(dBm)	(dB)
20	QPSK	1	1	22.16	22.14	22.48	23.5	0.0
Channel				647166	636000	624832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.14	22.13	22.46	23.5	0.0
Channel				647000	636000	625000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.17	22.12	22.47	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.00		26.5	0.0
100	PI/2 BPSK	1	137		25.00			
100	PI/2 BPSK	1	271		24.66			
100	PI/2 BPSK	135	0		24.56		26.0	0.5
100	PI/2 BPSK	135	69		24.66		26.5	0.0
100	PI/2 BPSK	135	138		24.52		26.0	0.5
100	PI/2 BPSK	270	0		24.56			
100	QPSK	1	1		25.00		26.5	0.0
100	QPSK	1	137		25.02			
100	QPSK	1	271		24.57			
100	QPSK	135	0		24.67		26.5	0.0
100	QPSK	135	69		24.59			
100	QPSK	135	138		23.89			
100	QPSK	270	0		24.05		25.5	1.0
100	16QAM	1	1		24.25		25.5	1.0
100	64QAM	1	1		22.95		24.0	2.5
100	256QAM	1	1		20.86		22.0	4.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.83	24.57	23.83	26.5	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3468.02	3466.98	3610	(dBm)	(dB)
80	QPSK	1	1	24.88	24.63	23.93	25.5	0.0
Channel				632334	633332	634330	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.83	24.64	23.98	26.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	24.91	24.93	23.91	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.90	24.88	23.89	26.5	0.0
Channel				631134	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.88	24.93	23.92	26.5	0.0
Channel				631000	633332	631668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.85	24.97	23.97	26.5	0.0
Channel				630334	633332	632332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.87	24.94	23.95	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.90	24.90	23.96	26.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.88	24.92	23.91	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.88	24.96	23.94	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					639000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.38		26.5	0.0
100	PI/2 BPSK	1	137		25.32			
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		25.32		26.0	0.5
100	PI/2 BPSK	135	69		25.31		26.5	0.0
100	PI/2 BPSK	135	138		25.37		26.0	0.5
100	PI/2 BPSK	270	0		25.28			
100	QPSK	1	1		25.40		26.5	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.28		26.5	0.0
100	QPSK	135	69		25.36			
100	QPSK	135	138		25.34			
100	QPSK	270	0		24.45		25.5	1.0
100	16QAM	1	1		24.41		25.5	1.0
100	64QAM	1	1		23.47		24.0	2.5
100	256QAM	1	1		21.31		22.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.27	25.32	24.32	26.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.30	24.30	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.31	25.34	24.35	26.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3729.02	3750	3770.98	(dBm)	(dB)
60	QPSK	1	1	25.24	25.33	24.29	26.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.23	25.36	24.29	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.24	25.31	24.29	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.30	25.37	24.36	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.24	25.30	24.35	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.25	25.30	24.38	26.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.24	25.38	24.34	26.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.30	25.31	24.32	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.85		23.5	0.0
100	PI/2 BPSK	1	137		22.00			
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.76		23.5	0.0
100	PI/2 BPSK	135	69		21.78		23.5	0.0
100	PI/2 BPSK	135	138		21.81		23.5	0.0
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	1		21.95		23.5	0.0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		21.93			
100	QPSK	135	138		21.88			
100	QPSK	270	0		21.90		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		21.75		23.5	0.0
100	256QAM	1	1		20.86		22.0	1.5
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.87	21.94	21.89	23.5	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3468.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.94	21.94	21.82	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.95	21.93	21.90	23.5	0.0
Channel				630000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3466.98	3504.99	(dBm)	(dB)
60	QPSK	1	1	21.89	22.01	21.83	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.89	21.93	21.63	23.5	0.0
Channel				631134	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.88	21.89	21.62	23.5	0.0
Channel				631000	633332	631668	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.88	22.01	21.82	23.5	0.0
Channel				630334	633332	632332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.94	21.98	21.86	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.89	21.97	21.90	23.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.90	21.94	21.85	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.91	21.96	21.89	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					639000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.33		23.5	0.0
100	PI/2 BPSK	1	137		22.29			
100	PI/2 BPSK	1	271		22.07			
100	PI/2 BPSK	135	0		22.25		23.5	0.0
100	PI/2 BPSK	135	69		22.26		23.5	0.0
100	PI/2 BPSK	135	138		22.22		23.5	0.0
100	PI/2 BPSK	270	0		22.21			
100	QPSK	1	1		22.18		23.5	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.24		23.5	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.26			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.31		23.5	0.0
100	64QAM	1	1		22.35		23.5	0.0
100	256QAM	1	1		21.31		22.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.26	22.23	22.18	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.21	22.34	22.19	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.26	22.27	22.23	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3729.02	3750	3770.98	(dBm)	(dB)
60	QPSK	1	1	22.22	22.28	22.21	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.23	22.32	22.18	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.20	22.33	22.18	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.22	22.26	22.17	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.26	22.27	22.24	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.26	22.32	22.22	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.20	22.31	22.20	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.28	22.34	22.18	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		26.61		27.0	0.0
100	PI/2 BPSK	1	137		26.59			
100	PI/2 BPSK	1	271		26.55			
100	PI/2 BPSK	135	0		26.24		26.5	0.5
100	PI/2 BPSK	135	69		26.61		27.0	0.0
100	PI/2 BPSK	135	138		26.32		26.5	0.5
100	PI/2 BPSK	270	0		26.30			
100	QPSK	1	1		26.58		27.0	0.0
100	QPSK	1	137		26.67			
100	QPSK	1	271		26.63			
100	QPSK	135	0		25.71		27.0	0.0
100	QPSK	135	69		26.62			
100	QPSK	135	138		25.80			
100	QPSK	270	0		25.71		26.0	1.0
100	16QAM	1	1		25.70		26.0	1.0
100	64QAM	1	1		24.23		24.5	2.5
100	256QAM	1	1		22.32		22.5	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	26.41	26.48	25.47	27.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	26.45	26.53	25.49	27.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	26.48	26.55	25.51	27.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3430	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	26.40	26.51	25.47	27.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	26.46	26.47	25.51	27.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3415.01	3469.98	3524.98	(dBm)	(dB)
40	QPSK	1	1	26.42	26.47	25.47	27.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3405	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	26.49	26.53	25.51	27.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3402.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	26.41	26.54	25.49	27.0	0.0
	Channel			630668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3402.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	26.47	26.52	25.56	27.0	0.0
	Channel			630000	633332	635166	Tune-up limit	MPR
	Frequency (MHz)			3417.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	26.42	26.53	25.55	27.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3420.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	26.41	26.49	25.52	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		26.67		27.0	0.0
100	PI/2 BPSK	1	137		26.75			
100	PI/2 BPSK	1	271		26.71			
100	PI/2 BPSK	135	0		26.62		26.5	0.5
100	PI/2 BPSK	135	69		26.73		27.0	0.0
100	PI/2 BPSK	135	138		26.64		26.5	0.5
100	PI/2 BPSK	270	0		26.63			
100	QPSK	1	1		26.75		27.0	0.0
100	QPSK	1	137		26.78			
100	QPSK	1	271		26.71			
100	QPSK	135	0		26.10		27.0	0.0
100	QPSK	135	69		26.77			
100	QPSK	135	138		26.11			
100	QPSK	270	0		25.78		26.0	1.0
100	16QAM	1	1		26.00		26.0	1.0
100	64QAM	1	1		24.41		24.5	2.5
100	256QAM	1	1		22.50		22.5	4.5
	Channel			646668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	26.63	26.73	25.71	27.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	26.59	26.67	25.67	27.0	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	26.63	26.65	25.68	27.0	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	26.61	26.67	25.67	27.0	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	26.61	26.64	25.66	27.0	0.0
	Channel			646000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	26.57	26.66	25.70	27.0	0.0
	Channel			645668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	26.64	26.68	25.68	27.0	0.0
	Channel			645334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	26.62	26.70	25.64	27.0	0.0
	Channel			645334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	26.66	26.64	25.65	27.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	26.65	26.64	25.64	27.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	26.63	26.65	25.72	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		23.54		24.0	0.0
100	PI/2 BPSK	1	137		23.54			
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.60		24.0	0.0
100	PI/2 BPSK	135	69		23.53		24.0	0.0
100	PI/2 BPSK	135	138		23.60		24.0	0.0
100	PI/2 BPSK	270	0		23.52			
100	QPSK	1	1		23.64		24.0	0.0
100	QPSK	1	137		23.66			
100	QPSK	1	271		23.58			
100	QPSK	135	0		23.44		24.0	0.0
100	QPSK	135	69		23.65			
100	QPSK	135	138		23.49			
100	QPSK	270	0		23.60		24.0	0.0
100	16QAM	1	1		23.60		24.0	0.0
100	64QAM	1	1		23.47		24.0	0.0
100	256QAM	1	1		22.32		22.5	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.53	23.64	23.59	24.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3450.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.58	23.59	23.47	24.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3445.01	3469.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.54	23.60	23.46	24.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3440	3469.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.57	23.61	23.53	24.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.54	23.56	23.54	24.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3415.01	3469.98	3524.98	(dBm)	(dB)
40	QPSK	1	1	23.50	23.56	23.54	24.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3405	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.51	23.58	23.49	24.0	0.0
	Channel			630334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3402.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.55	23.63	23.51	24.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3402.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.53	23.62	23.47	24.0	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3417.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	23.52	23.64	23.50	24.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3420.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.55	23.59	23.51	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		23.69		24.0	0.0
100	PI/2 BPSK	1	137		23.69			
100	PI/2 BPSK	1	271		23.53			
100	PI/2 BPSK	135	0		23.57		24.0	0.0
100	PI/2 BPSK	135	69		23.66		24.0	0.0
100	PI/2 BPSK	135	138		23.74		24.0	0.0
100	PI/2 BPSK	270	0		23.67			
100	QPSK	1	1		23.67		24.0	0.0
100	QPSK	1	137		23.75			
100	QPSK	1	271		23.70			
100	QPSK	135	0		23.62		24.0	0.0
100	QPSK	135	69		23.71			
100	QPSK	135	138		23.62			
100	QPSK	270	0		23.68		24.0	0.0
100	16QAM	1	1		23.59		24.0	0.0
100	64QAM	1	1		23.69		24.0	0.0
100	256QAM	1	1		22.50		22.5	1.5
	Channel			646668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.62	23.64	23.62	24.0	0.0
	Channel			646334	650000	653666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.66	23.69	23.58	24.0	0.0
	Channel			646000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	23.67	23.68	23.61	24.0	0.0
	Channel			646668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.66	23.67	23.59	24.0	0.0
	Channel			646334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.61	23.70	23.60	24.0	0.0
	Channel			646000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.62	23.71	23.61	24.0	0.0
	Channel			645668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.64	23.65	23.62	24.0	0.0
	Channel			645334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.67	23.68	23.59	24.0	0.0
	Channel			645334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.61	23.68	23.60	24.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.67	23.66	23.62	24.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.61	23.67	23.54	24.0	0.0

Part27Q n78(HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		25.21		26.5	0.0
100	PI/2 BPSK	1	137		25.33			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		24.55		26.0	0.5
100	PI/2 BPSK	135	69		25.39		26.5	0.0
100	PI/2 BPSK	135	138		25.11		26.0	0.5
100	PI/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.33		26.5	0.0
100	QPSK	1	137		25.40			
100	QPSK	1	271		25.29			
100	QPSK	135	0		24.44		26.5	0.0
100	QPSK	135	69		25.35			
100	QPSK	135	138		24.61			
100	QPSK	270	0		24.38		25.5	1.0
100	16QAM	1	1		24.50		25.5	1.0
100	64QAM	1	1		23.22		24.0	2.5
100	256QAM	1	1		21.17		22.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3804.99	(dBm)	(dB)
90	QPSK	1	1	25.19	25.24	24.23	26.5	0.0
	Channel			632988	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.21	25.30	24.30	26.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3814.98	(dBm)	(dB)
70	QPSK	1	1	25.23	25.22	24.25	26.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3440	3469.98	3919.99	(dBm)	(dB)
60	QPSK	1	1	25.23	25.31	24.29	26.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3505	(dBm)	(dB)
50	QPSK	1	1	25.22	25.31	24.31	26.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3415.01	3469.98	3525.98	(dBm)	(dB)
40	QPSK	1	1	25.21	25.26	24.23	26.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.21	25.26	24.26	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.20	25.22	24.29	26.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.19	25.28	24.28	26.5	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3447.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	25.21	25.23	24.29	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.21	25.29	24.30	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.64		27.0	0.0
100	PI/2 BPSK	1	137		25.91			
100	PI/2 BPSK	1	271		25.85			
100	PI/2 BPSK	135	0		25.35		26.5	0.5
100	PI/2 BPSK	135	69		25.82		27.0	0.0
100	PI/2 BPSK	135	138		25.50		26.5	0.5
100	PI/2 BPSK	270	0		25.40			
100	QPSK	1	1		25.88		27.0	0.0
100	QPSK	1	137		25.95			
100	QPSK	1	271		25.89			
100	QPSK	135	0		24.76		27.0	0.0
100	QPSK	135	69		25.93			
100	QPSK	135	138		24.85			
100	QPSK	270	0		24.85		26.0	1.0
100	16QAM	1	1		24.76		26.0	1.0
100	64QAM	1	1		23.19		24.5	2.5
100	256QAM	1	1		21.22		22.5	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3742.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.70	25.83	24.83	27.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.79	25.81	24.80	27.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	25.76	25.77	24.78	27.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.72	25.82	24.81	27.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.77	25.81	24.78	27.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.76	25.85	24.82	27.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.77	25.86	24.81	27.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.72	25.77	24.83	27.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.70	25.78	24.83	27.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.76	25.83	24.82	27.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.75	25.85	24.79	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3469.98			
100	PI/2 BPSK	1	1		22.20		23.5	0.0
100	PI/2 BPSK	1	137		22.17			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		22.19		23.5	0.0
100	PI/2 BPSK	135	69		22.23		23.5	0.0
100	PI/2 BPSK	135	138		22.24		23.5	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.31		23.5	0.0
100	QPSK	1	137		22.37			
100	QPSK	1	271		22.24			
100	QPSK	135	0		22.10		23.5	0.0
100	QPSK	135	69		22.31			
100	QPSK	135	138		22.15			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.33		23.5	0.0
100	64QAM	1	1		22.22		23.5	0.0
100	256QAM	1	1		21.17		22.0	1.5
	Channel			633000	633332	633665	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3804.99	(dBm)	(dB)
90	QPSK	1	1	22.25	22.28	22.19	23.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.24	22.29	22.25	23.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3450.01	3469.98	3814.98	(dBm)	(dB)
70	QPSK	1	1	22.23	22.26	22.23	23.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3440	3469.98	3919.99	(dBm)	(dB)
60	QPSK	1	1	22.20	22.26	22.19	23.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3415.02	3469.98	3505	(dBm)	(dB)
50	QPSK	1	1	22.27	22.27	22.23	23.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3469.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.28	22.26	22.16	23.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3469.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.29	22.35	22.20	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3469.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.22	22.27	22.22	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.20	22.26	22.16	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3469.98	3542.45	(dBm)	(dB)
15	QPSK	1	1	22.22	22.30	22.16	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3469.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.22	22.33	22.23	23.5	0.0

Part27O n78_PC3_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		22.79		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.72			
100	PI/2 BPSK	135	0		22.81		24.0	0.0
100	PI/2 BPSK	135	69		22.90		24.0	0.0
100	PI/2 BPSK	135	138		22.90			
100	PI/2 BPSK	270	0		22.81		24.0	0.0
100	QPSK	1	1		22.86			
100	QPSK	1	137		22.94		24.0	0.0
100	QPSK	1	271		22.87			
100	QPSK	135	0		22.81			
100	QPSK	135	69		22.91		24.0	0.0
100	QPSK	135	138		22.82			
100	QPSK	270	0		22.88		24.0	0.0
100	16QAM	1	1		22.85		24.0	0.0
100	64QAM	1	1		22.87		24.0	0.0
100	256QAM	1	1		21.22		22.5	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3742.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.77	22.82	22.77	24.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.85	22.88	22.74	24.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	22.81	22.83	22.78	24.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.82	22.87	22.78	24.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.82	22.84	22.79	24.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.84	22.88	22.82	24.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.83	22.87	22.78	24.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.83	22.91	22.79	24.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.85	22.87	22.81	24.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.86	22.85	22.81	24.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.78	22.92	22.78	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		25.60		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.36		26.5	0.5
100	PI/2 BPSK	135	69		25.61		27.0	0.0
100	PI/2 BPSK	135	135		25.44		26.5	0.5
100	PI/2 BPSK	270	0		25.42			
100	QPSK	1	1		25.61		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.58			
100	QPSK	135	0		25.61		27.0	0.0
100	QPSK	135	69		25.60			
100	QPSK	135	135		25.15			
100	QPSK	270	0		24.70		26.0	1.0
100	16QAM	1	1		24.73		26.0	1.0
100	64QAM	1	1		23.45		24.5	2.5
100	256QAM	1	1		21.42		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.49	25.53	24.56	27.0	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3466.98	3533	(dBm)	(dB)
80	QPSK	1	1	25.44	25.56	24.56	27.0	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	25.46	25.53	24.56	27.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.44	25.56	24.51	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.47	25.52	24.52	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.47	25.54	24.55	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.51	25.54	24.54	27.0	0.0
Channel				630334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.45	25.58	24.53	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.47	25.50	24.51	27.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.47	25.53	24.57	27.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.45	25.55	24.52	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.82		27.5	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.77			
100	PI/2 BPSK	135	0		25.87		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.86		27.0	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		26.00		27.5	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		25.91			
100	QPSK	135	0		25.61		27.5	0.0
100	QPSK	135	69		26.08			
100	QPSK	135	138		25.57			
100	QPSK	270	0		25.54		26.5	1.0
100	16QAM	1	1		25.51		26.5	1.0
100	64QAM	1	1		24.23		25.0	2.5
100	256QAM	1	1		22.13		23.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.91	25.97	24.92	27.5	0.0
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.92	25.95	24.90	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.83	25.93	24.89	27.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	25.84	25.89	24.96	27.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.83	25.96	24.97	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3785	(dBm)	(dB)
40	QPSK	1	1	25.91	25.93	24.91	27.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.86	25.94	24.90	27.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.83	25.89	24.96	27.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.82	25.93	24.94	27.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.87	25.97	24.96	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.88	25.89	24.92	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		22.37		24.0	0.0
100	PI/2 BPSK	1	137		22.21			
100	PI/2 BPSK	1	271		22.29			
100	PI/2 BPSK	135	0		22.27		24.0	0.0
100	PI/2 BPSK	135	69		22.28		24.0	0.0
100	PI/2 BPSK	135	138		22.28		24.0	0.0
100	PI/2 BPSK	270	0		22.25			
100	QPSK	1	1		22.56		24.0	0.0
100	QPSK	1	137		22.59			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.41		24.0	0.0
100	QPSK	135	69		22.52			
100	QPSK	135	138		22.34			
100	QPSK	270	0		22.48		24.0	0.0
100	16QAM	1	1		22.33		24.0	0.0
100	64QAM	1	1		22.44		24.0	0.0
100	256QAM	1	1		21.42		22.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.42	22.50	22.47	24.0	0.0
Channel				634668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3466.98	3533	(dBm)	(dB)
80	QPSK	1	1	22.50	22.48	22.44	24.0	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3466.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	22.50	22.51	22.39	24.0	0.0
Channel				634000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.45	22.52	22.43	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.43	22.52	22.42	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.49	22.53	22.45	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.49	22.52	22.44	24.0	0.0
Channel				630668	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3462.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.51	22.50	22.41	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.43	22.54	22.47	24.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.42	22.53	22.39	24.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.42	22.55	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.94		24.5	0.0
100	PI/2 BPSK	1	137		22.90			
100	PI/2 BPSK	1	271		22.88			
100	PI/2 BPSK	135	0		22.99		24.5	0.0
100	PI/2 BPSK	135	69		22.80		24.5	0.0
100	PI/2 BPSK	135	138		22.86		24.5	0.0
100	PI/2 BPSK	270	0		22.89			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		22.93			
100	QPSK	135	0		22.94		24.5	0.0
100	QPSK	135	69		22.96			
100	QPSK	135	138		22.94			
100	QPSK	270	0		22.95		24.5	0.0
100	16QAM	1	1		22.84		24.5	0.0
100	64QAM	1	1		22.86		24.5	0.0
100	256QAM	1	1		22.13		23.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.95	22.95	22.87	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.88	22.96	22.89	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	22.92	22.98	22.91	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3745.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.93	22.95	22.88	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3785	(dBm)	(dB)
40	QPSK	1	1	22.95	22.97	22.84	24.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.94	23.02	22.84	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.87	23.00	22.87	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.94	23.01	22.85	24.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.95	22.93	22.83	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.97	22.92	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505500	507000	508500		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.21	14.24	14.27	16.0	0.0
50	PI/2 BPSK	1	135	14.23	14.35	14.32		
50	PI/2 BPSK	1	268	14.24	14.28	14.25		
50	PI/2 BPSK	135	0	14.31	14.36	14.23	16.0	0.0
50	PI/2 BPSK	135	68	14.29	14.28	14.24	16.0	0.0
50	PI/2 BPSK	135	135	14.19	14.25	14.17	16.0	0.0
50	PI/2 BPSK	270	0	14.30	14.23	14.24		
50	QPSK	1	1	14.32	14.42	14.31	16.0	0.0
50	QPSK	1	135	14.19	14.29	14.22		
50	QPSK	1	268	14.29	14.32	14.29		
50	QPSK	135	0	14.24	14.33	14.24	16.0	0.0
50	QPSK	135	68	14.28	14.40	14.29	16.0	0.0
50	QPSK	135	135	14.24	14.30	14.27		
50	QPSK	270	0	14.32	14.36	14.33		
50	16QAM	1	1	14.38	14.40	14.32	16.0	0.0
50	64QAM	1	1	14.34	14.30	14.35	16.0	0.0
50	256QAM	1	1	14.32	14.33	14.37	16.0	0.0
Channel				504500	507000	509500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.27	14.39	14.20	16.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.28	14.31	14.21	16.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.20	14.34	14.21	16.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.27	14.35	14.21	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.18	14.38	14.17	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.20	14.37	14.16	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.28	14.36	14.27	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505500	507000	508500		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.41	24.52	24.40	25.5	0.0
50	PI/2 BPSK	1	135	24.50	24.50	24.33		
50	PI/2 BPSK	1	268	24.23	24.43	24.38		
50	PI/2 BPSK	135	0	24.17	24.22	24.13	25.0	0.5
50	PI/2 BPSK	135	68	24.38	24.49	24.37	25.5	0.0
50	PI/2 BPSK	135	135	24.08	24.22	24.02	25.0	0.5
50	PI/2 BPSK	270	0	24.13	24.29	24.23		
50	QPSK	1	1	24.49	24.56	24.52	25.5	0.0
50	QPSK	1	135	24.27	24.47	24.33		
50	QPSK	1	268	24.40	24.52	24.44		
50	QPSK	135	0	23.49	23.64	23.50	24.5	1.0
50	QPSK	135	68	24.46	24.51	24.44	25.5	0.0
50	QPSK	135	135	23.47	23.55	23.38	24.5	1.0
50	QPSK	270	0	23.52	23.58	23.49		
50	16QAM	1	1	23.30	23.32	23.20	24.5	1.0
50	64QAM	1	1	21.88	21.79	21.68	23.0	2.5
50	256QAM	1	1	20.18	20.37	20.17	21.0	4.5
Channel				504500	507000	509500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.40	24.52	24.47	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.46	24.48	24.47	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.44	24.54	24.48	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.41	24.47	24.44	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.45	24.53	24.42	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.38	24.49	24.47	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.38	24.52	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505500	507000	508500		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.83	14.83	14.77	16.5	0.0
50	PI/2 BPSK	1	135	14.84	14.82	14.88		
50	PI/2 BPSK	1	268	14.81	14.87	14.81		
50	PI/2 BPSK	135	0	14.84	14.72	14.86	16.5	0.0
50	PI/2 BPSK	135	68	14.89	14.76	14.76	16.5	0.0
50	PI/2 BPSK	135	135	14.91	14.83	14.84	16.5	0.0
50	PI/2 BPSK	270	0	14.76	14.63	14.80		
50	QPSK	1	1	14.91	14.98	14.83	16.5	0.0
50	QPSK	1	135	14.86	14.88	14.75		
50	QPSK	1	268	14.80	14.87	14.75		
50	QPSK	135	0	14.82	14.83	14.79	16.5	0.0
50	QPSK	135	68	14.86	14.92	14.81	16.5	0.0
50	QPSK	135	135	14.83	14.76	14.77	16.5	0.0
50	QPSK	270	0	14.86	14.88	14.78		
50	16QAM	1	1	14.88	14.94	14.93	16.5	0.0
50	64QAM	1	1	14.93	14.83	14.89	16.5	0.0
50	256QAM	1	1	14.87	14.97	14.92	16.5	0.0
Channel				504500	507000	509500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.80	14.88	14.82	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.82	14.95	14.74	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.80	14.84	14.82	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.83	14.88	14.73	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.79	14.97	14.79	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.86	14.94	14.76	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.77	14.90	14.72	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505500	507000	508500		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.26	15.24	15.11	16.5	0.0
50	PI/2 BPSK	1	135	15.13	15.27	15.17		
50	PI/2 BPSK	1	268	15.29	15.15	15.11		
50	PI/2 BPSK	135	0	15.16	15.21	15.16	16.5	0.0
50	PI/2 BPSK	135	68	15.25	15.15	15.19	16.5	0.0
50	PI/2 BPSK	135	135	15.15	15.17	15.07	16.5	0.0
50	PI/2 BPSK	270	0	15.19	15.16	15.15		
50	QPSK	1	1	15.34	15.36	15.29	16.5	0.0
50	QPSK	1	135	15.21	15.25	15.18		
50	QPSK	1	268	15.14	15.20	15.16		
50	QPSK	135	0	15.20	15.19	15.20	16.5	0.0
50	QPSK	135	68	15.26	15.34	15.23	16.5	0.0
50	QPSK	135	135	15.20	15.20	15.19	16.5	0.0
50	QPSK	270	0	15.29	15.31	15.25		
50	16QAM	1	1	15.21	15.32	15.27	16.5	0.0
50	64QAM	1	1	15.29	15.22	15.27	16.5	0.0
50	256QAM	1	1	15.21	15.32	15.26	16.5	0.0
Channel				504500	507000	509500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.32	15.24	15.24	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.21	15.28	15.24	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.23	15.33	15.24	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.27	15.31	15.33	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.27	15.21	15.25	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.25	15.27	15.34	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.25	15.29	15.26	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	12.40	12.45	12.32		
40	Pi/2 BPSK	1	108	12.32	12.33	12.31	14.0	0.0
40	Pi/2 BPSK	1	214	12.44	12.47	12.28		
40	Pi/2 BPSK	108	0	12.43	12.40	12.27	14.0	0.0
40	Pi/2 BPSK	108	54	12.43	12.44	12.21	14.0	0.0
40	Pi/2 BPSK	108	108	12.34	12.45	12.25	14.0	0.0
40	Pi/2 BPSK	216	0	12.32	12.38	12.20		
40	QPSK	1	1	12.46	12.52	12.32		
40	QPSK	1	108	12.38	12.38	12.20	14.0	0.0
40	QPSK	1	214	12.41	12.38	12.30		
40	QPSK	108	0	12.30	12.45	12.21	14.0	0.0
40	QPSK	108	54	12.45	12.48	12.30	14.0	0.0
40	QPSK	108	108	12.43	12.33	12.25	14.0	0.0
40	QPSK	216	0	12.43	12.47	12.41		
40	16QAM	1	1	12.40	12.46	12.27	14.0	0.0
40	64QAM	1	1	12.41	12.45	12.37	14.0	0.0
40	256QAM	1	1	12.44	12.46	12.35	14.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	12.19	12.19	12.10	14.0	0.0
Channel				344538	349000	353538	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	12.22	12.22	12.02	14.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	12.17	12.30	12.04	14.0	0.0
Channel				343538	349000	354538	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	12.18	12.28	12.05	14.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	12.19	12.31	12.01	14.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	12.24	12.18	12.00	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.48	23.56	23.38		
40	Pi/2 BPSK	1	108	23.52	23.61	23.46	25.0	0.0
40	Pi/2 BPSK	1	214	23.29	23.48	23.35		
40	Pi/2 BPSK	108	0	22.90	22.91	22.87	24.5	0.5
40	Pi/2 BPSK	108	54	23.48	23.58	23.57	25.0	0.0
40	Pi/2 BPSK	108	108	22.98	23.04	22.96	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	23.09	23.03		
40	QPSK	1	1	23.61	23.65	23.55		
40	QPSK	1	108	23.52	23.58	23.49	25.0	0.0
40	QPSK	1	214	23.25	23.45	23.26		
40	QPSK	108	0	22.19	22.32	22.21	24.0	1.0
40	QPSK	108	54	23.46	23.51	23.41	25.0	0.0
40	QPSK	108	108	22.39	22.57	22.44	24.0	1.0
40	QPSK	216	0	22.50	22.58	22.48		
40	16QAM	1	1	22.03	22.23	22.06	24.0	1.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	2.5
40	256QAM	1	1	19.69	19.89	19.63	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.53	23.58	23.48	25.0	0.0
Channel				344538	349000	353538	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.57	23.57	23.49	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.51	23.55	23.46	25.0	0.0
Channel				343538	349000	354538	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.57	23.61	23.48	25.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.63	23.47	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.57	23.46	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	15.64	15.89	15.64		
40	Pi/2 BPSK	1	108	15.53	15.88	15.54	17.5	0.0
40	Pi/2 BPSK	1	214	15.57	15.68	15.50		
40	Pi/2 BPSK	108	0	15.59	15.60	15.60	17.5	0.0
40	Pi/2 BPSK	108	54	15.50	15.66	15.62	17.5	0.0
40	Pi/2 BPSK	108	108	15.62	15.61	15.53	17.5	0.0
40	Pi/2 BPSK	216	0	15.55	15.69	15.59		
40	QPSK	1	1	15.71	15.75	15.67		
40	QPSK	1	108	15.60	15.59	15.60	17.5	0.0
40	QPSK	1	214	15.52	15.56	15.60		
40	QPSK	108	0	15.60	15.56	15.61	17.5	0.0
40	QPSK	108	54	15.69	15.72	15.63	17.5	0.0
40	QPSK	108	108	15.59	15.61	15.54	17.5	0.0
40	QPSK	216	0	15.66	15.70	15.68		
40	16QAM	1	1	15.72	15.69	15.72	17.5	0.0
40	64QAM	1	1	15.73	15.71	15.67	17.5	0.0
40	256QAM	1	1	15.67	15.68	15.58	17.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.57	15.66	15.62	17.5	0.0
Channel				344538	349000	353538	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	15.60	15.69	15.61	17.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.62	15.61	15.63	17.5	0.0
Channel				343538	349000	354538	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.63	15.72	15.59	17.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.66	15.74	15.65	17.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.59	15.73	15.62	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18		
40	Pi/2 BPSK	1	108	23.21	23.41	23.21	24.5	0.0
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34		
40	QPSK	1	108	23.22	23.39	23.34	24.5	0.0
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.70	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344538	349000	353538	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343538	349000	354538	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518002	519666	519666		
Frequency (MHz)				2593.12	2609	2609.99		
40	P/2 BPSK	1	0	16.37	16.34	16.37	18.0	0.0
40	P/2 BPSK	1	99	16.20	16.16	16.17		
40	P/2 BPSK	50	0	15.26	15.22	15.23	16.0	0.0
40	P/2 BPSK	50	25	15.25	15.22	15.23		
40	P/2 BPSK	50	50	16.21	16.20	16.21	16.0	0.0
40	P/2 BPSK	50	99	16.09	16.05	16.11		
40	P/2 BPSK	100	0	15.19	15.20	15.13	16.0	0.0
40	QPSK	1	0	16.39	16.36	16.35		
40	QPSK	1	50	16.20	16.26	16.26	18.0	0.0
40	QPSK	1	99	16.20	16.17	16.17		
40	QPSK	50	0	15.23	15.21	15.22		
40	QPSK	50	25	16.26	16.22	16.22	16.0	0.0
40	QPSK	50	50	16.26	16.22	16.23		
40	QPSK	50	99	16.26	16.22	16.28		
40	QPSK	100	0	15.16	15.09	15.09	16.0	0.0
40	16QAM	1	0	16.37	16.36	16.36	18.0	0.0
40	64QAM	1	0	15.22	15.20	15.28	16.0	0.0
40	256QAM	1	0	14.23	14.19	14.20	15.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.38	16.37	16.33	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.37	16.40	16.28	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.36	16.38	16.36	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.28	16.36	16.36	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.36	16.32	16.36	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518002	519666	519666		
Frequency (MHz)				2593.12	2609	2609.99		
40	P/2 BPSK	1	0	24.13	24.12	24.08		
40	P/2 BPSK	1	99	24.07	24.06	24.01	25.7	0.0
40	P/2 BPSK	50	0	23.08	23.07	23.04		
40	P/2 BPSK	50	25	23.07	23.07	23.04	25.0	0.0
40	P/2 BPSK	50	50	24.03	24.02	24.08	25.7	0.0
40	P/2 BPSK	50	99	23.93	24.09	23.97		
40	P/2 BPSK	100	0	23.02	23.08	23.06	24.2	0.1
40	QPSK	1	0	23.77	24.01	24.05		
40	QPSK	1	50	24.05	24.06	24.08	25.7	0.0
40	QPSK	1	99	24.05	24.06	24.08		
40	QPSK	50	0	23.05	23.06	23.07		
40	QPSK	50	25	24.09	23.60	23.07	25.7	0.0
40	QPSK	50	50	23.03	23.08	23.09		
40	QPSK	100	0	23.07	23.08	23.09	24.7	0.0
40	16QAM	1	0	23.72	23.26	23.19	25.7	0.0
40	64QAM	1	0	23.77	23.21	23.06	25.2	0.0
40	256QAM	1	0	23.79	23.31	23.23	24.2	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	24.01	24.05	24.07	25.7	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	24.03	24.03	24.09	25.7	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	24.01	24.08	24.02	25.7	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	24.01	24.07	24.08	25.7	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	24.03	24.08	24.03	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518002	519666	519666		
Frequency (MHz)				2593.12	2609	2609.99		
40	P/2 BPSK	1	0	16.13	16.18	16.18	18.0	0.0
40	P/2 BPSK	1	99	16.12	16.19	16.09		
40	P/2 BPSK	50	0	15.19	15.23	15.23	16.0	0.0
40	P/2 BPSK	50	25	15.22	15.19	15.24		
40	P/2 BPSK	50	50	16.09	16.19	16.21	16.0	0.0
40	P/2 BPSK	50	99	16.21	16.19	16.19		
40	P/2 BPSK	100	0	15.19	15.20	15.21	16.0	0.0
40	QPSK	1	0	16.21	16.26	16.09		
40	QPSK	1	50	16.07	16.19	16.22	18.0	0.0
40	QPSK	1	99	16.22	16.19	16.19		
40	QPSK	50	0	15.08	15.23	15.22		
40	QPSK	50	25	16.17	16.29	16.23	16.0	0.0
40	QPSK	50	50	16.11	16.27	16.27		
40	QPSK	50	99	16.05	16.23	16.12	16.0	0.0
40	QPSK	100	0	16.05	16.23	16.12		
40	16QAM	1	0	16.03	16.16	16.17	18.0	0.0
40	64QAM	1	0	14.13	14.19	14.09	15.0	0.0
40	256QAM	1	0	14.09	14.23	14.19	15.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.13	16.19	16.24	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.13	16.19	16.23	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.19	16.19	16.23	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.19	16.23	16.19	18.0	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	16.12	16.25	16.19	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518002	519666	519666		
Frequency (MHz)				2593.12	2609	2609.99		
40	P/2 BPSK	1	0	14.16	14.16	14.20		
40	P/2 BPSK	1	99	14.06	14.16	14.06	19.2	0.0
40	P/2 BPSK	50	0	13.09	13.10	13.09		
40	P/2 BPSK	50	25	13.09	13.10	13.09	18.2	0.0
40	P/2 BPSK	50	50	14.09	14.10	14.09	19.2	0.0
40	P/2 BPSK	50	99	13.99	14.10	14.09		
40	P/2 BPSK	100	0	13.09	13.09	13.09	19.2	0.0
40	QPSK	1	0	14.27	14.26	14.20		
40	QPSK	1	50	13.26	13.26	13.16	19.2	0.0
40	QPSK	1	99	13.26	13.26	13.16		
40	QPSK	50	0	13.13	13.20	13.07		
40	QPSK	50	25	14.19	14.21	14.17	19.2	0.0
40	QPSK	50	50	13.99	14.16	14.09		
40	QPSK	50	99	14.13	13.99	14.09	19.2	0.0
40	QPSK	100	0	13.09	13.09	13.09		
40	16QAM	1	0	13.99	14.09	13.99	19.2	0.0
40	64QAM	1	0	13.09	13.09	13.09	19.2	0.0
40	256QAM	1	0	14.09	14.09	14.09	19.2	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	13.26	13.26	13.16	19.2	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	13.26	13.26	13.16	19.2	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	13.26	13.26	13.16	19.2	0.0
Channel				518002	519666	521330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.12	2609	2624.88		
25	QPSK	1	0	13.16	13.26	13.16	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	PI/2 BPSK	1	0	16.47	16.47	16.52	18.0	0.0
5M	PI/2 BPSK	1	12	16.50	16.42	16.48		
5M	PI/2 BPSK	1	24	16.46	16.47	16.52	18.0	0.0
5M	PI/2 BPSK	13	0	15.39	15.37	15.39		
5M	PI/2 BPSK	13	6	15.38	15.39	15.40	16.0	0.0
5M	PI/2 BPSK	13	13	15.39	15.40	15.39		
5M	PI/2 BPSK	25	0	15.39	15.39	15.43	16.0	0.0
5M	QPSK	1	0	16.52	16.50	16.55		
5M	QPSK	1	12	16.50	16.49	16.38	18.0	0.0
5M	QPSK	1	24	16.51	16.49	16.55		
5M	QPSK	13	0	15.42	15.40	15.42		
5M	QPSK	13	6	15.42	15.40	15.42		
5M	QPSK	13	13	15.42	15.40	15.42		
5M	QPSK	25	0	15.42	15.40	15.42		
5M	16QAM	1	0	15.38	15.37	15.38	16.0	0.5
5M	16QAM	1	12	15.37	15.39	15.37		
5M	16QAM	1	24	15.42	15.39	15.39	16.0	0.5
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	QPSK	1	0	16.49	16.47	16.48	18.0	0.0
Channel				509754	518598	527442		
Frequency (MHz)				2508.76	2593.98	2678.82		
5M	QPSK	1	0	16.49	16.50	16.48	18.0	0.0
Channel				510306	518598	526884		
Frequency (MHz)				2511.52	2593.98	2674.64		
5M	QPSK	1	0	16.47	16.47	16.47	18.0	0.0
Channel				510858	518598	526326		
Frequency (MHz)				2514.28	2593.98	2670.46		
5M	QPSK	1	0	16.48	16.49	16.49	18.0	0.0
Channel				511410	518598	525768		
Frequency (MHz)				2517.04	2593.98	2666.28		
5M	QPSK	1	0	16.48	16.47	16.51	18.0	0.0
Channel				511962	518598	525210		
Frequency (MHz)				2519.8	2593.98	2662.1		
5M	QPSK	1	0	16.49	16.49	16.49	18.0	0.0
Channel				512514	518598	524652		
Frequency (MHz)				2522.56	2593.98	2657.92		
5M	QPSK	1	0	16.50	16.49	16.50	18.0	0.0
Channel				513066	518598	524094		
Frequency (MHz)				2525.32	2593.98	2653.74		
5M	QPSK	1	0	16.49	16.49	16.49	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	PI/2 BPSK	1	0	24.51	24.57	24.38		
5M	PI/2 BPSK	1	12	24.52	24.62	24.45	25.7	0.0
5M	PI/2 BPSK	1	24	24.47	24.57	24.38		
5M	PI/2 BPSK	13	0	23.37	23.32	23.29	25.0	0.0
5M	PI/2 BPSK	13	6	23.43	23.47	23.28	25.7	0.0
5M	PI/2 BPSK	13	13	23.3	23.39	23.19		
5M	PI/2 BPSK	25	0	23.37	23.27	23.17	23.2	0.0
5M	QPSK	1	0	24.53	24.60	24.48		
5M	QPSK	1	12	24.43	24.67	24.28	25.7	0.0
5M	QPSK	1	24	24.53	24.61	24.48		
5M	QPSK	13	0	23.50	23.56	23.50		
5M	QPSK	13	6	23.50	23.56	23.50		
5M	QPSK	13	13	23.50	23.56	23.50		
5M	QPSK	25	0	23.50	23.56	23.50		
5M	16QAM	1	0	23.43	23.48	23.34	25.7	0.5
5M	16QAM	1	12	23.43	23.48	23.34		
5M	16QAM	1	24	23.43	23.48	23.34		
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				509754	518598	527442		
Frequency (MHz)				2508.76	2593.98	2678.82		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				510306	518598	526884		
Frequency (MHz)				2511.52	2593.98	2674.64		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				510858	518598	526326		
Frequency (MHz)				2514.28	2593.98	2670.46		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				511410	518598	525768		
Frequency (MHz)				2517.04	2593.98	2666.28		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				511962	518598	525210		
Frequency (MHz)				2519.8	2593.98	2662.1		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				512514	518598	524652		
Frequency (MHz)				2522.56	2593.98	2657.92		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0
Channel				513066	518598	524094		
Frequency (MHz)				2525.32	2593.98	2653.74		
5M	QPSK	1	0	24.51	24.57	24.38	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	PI/2 BPSK	1	0	16.13	16.26	16.14		
5M	PI/2 BPSK	1	12	16.22	16.25	16.08	18.0	0.0
5M	PI/2 BPSK	1	24	16.14	16.26	16.14		
5M	PI/2 BPSK	13	0	15.08	15.23	15.10	16.0	0.0
5M	PI/2 BPSK	13	6	15.13	15.23	15.08		
5M	PI/2 BPSK	13	13	15.08	15.23	15.08		
5M	PI/2 BPSK	25	0	15.08	15.23	15.08	16.0	0.0
5M	QPSK	1	0	16.17	16.33	16.19		
5M	QPSK	1	12	16.18	16.30	16.17	18.0	0.0
5M	QPSK	1	24	16.17	16.33	16.19		
5M	QPSK	13	0	15.11	15.23	15.16		
5M	QPSK	13	6	15.15	15.29	15.23	16.0	0.0
5M	QPSK	13	13	15.13	15.23	15.09		
5M	QPSK	25	0	15.07	15.09	15.02	16.0	0.0
5M	16QAM	1	0	15.23	15.25	15.23	16.0	0.5
5M	16QAM	1	12	15.23	15.23	15.27	16.0	0.5
5M	16QAM	1	24	15.23	15.29	15.16	16.0	0.5
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	QPSK	1	0	16.07	16.23	16.17	16.0	0.0
Channel				509754	518598	527442		
Frequency (MHz)				2508.76	2593.98	2678.82		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				510306	518598	526884		
Frequency (MHz)				2511.52	2593.98	2674.64		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				510858	518598	526326		
Frequency (MHz)				2514.28	2593.98	2670.46		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				511410	518598	525768		
Frequency (MHz)				2517.04	2593.98	2666.28		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				511962	518598	525210		
Frequency (MHz)				2519.8	2593.98	2662.1		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				512514	518598	524652		
Frequency (MHz)				2522.56	2593.98	2657.92		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0
Channel				513066	518598	524094		
Frequency (MHz)				2525.32	2593.98	2653.74		
5M	QPSK	1	0	16.13	16.26	16.19	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	PI/2 BPSK	1	0	14.47	14.46	14.51		
5M	PI/2 BPSK	1	12	14.50	14.42	14.48	19.0	0.0
5M	PI/2 BPSK	1	24	14.46	14.47	14.52		
5M	PI/2 BPSK	13	0	13.42	13.40	13.42	18.0	0.0
5M	PI/2 BPSK	13	6	13.41	13.42	13.39	19.0	0.0
5M	PI/2 BPSK	13	13	13.42	13.42	13.42		
5M	PI/2 BPSK	25	0	13.39	13.39	13.43	19.0	0.0
5M	QPSK	1	0	14.55	14.50	14.55		
5M	QPSK	1	12	14.50	14.49	14.38	19.0	0.0
5M	QPSK	1	24	14.51	14.49	14.55		
5M	QPSK	13	0	13.42	13.40	13.42		
5M	QPSK	13	6	13.42	13.40	13.42		
5M	QPSK	13	13	13.42	13.40	13.42		
5M	QPSK	25	0	13.42	13.40	13.42		
5M	16QAM	1	0	13.38	13.37	13.38	19.0	0.5
5M	16QAM	1	12	13.37	13.39	13.37		
5M	16QAM	1	24	13.42	13.39	13.39	19.0	0.5
Channel				509202	518598	528000		
Frequency (MHz)				2506.01	2593.98	2683		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				509754	518598	527442		
Frequency (MHz)				2508.76	2593.98	2678.82		
5M	QPSK	1	0	13.42	13.37	13.42	19.0	0.0
Channel				510306	518598	526884		
Frequency (MHz)				2511.52	2593.98	2674.64		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				510858	518598	526326		
Frequency (MHz)				2514.28	2593.98	2670.46		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				511410	518598	525768		
Frequency (MHz)				2517.04	2593.98	2666.28		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				511962	518598	525210		
Frequency (MHz)				2519.8	2593.98	2662.1		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				512514	518598	524652		
Frequency (MHz)				2522.56	2593.98	2657.92		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0
Channel				513066	518598	524094		
Frequency (MHz)				2525.32	2593.98	2653.74		
5M	QPSK	1	0	13.38	13.38	13.43	19.0	0.0

Part27Q_n77(HPUE)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3302.52	3362.52	3422.52		
100	PI/2 BPSK	1	0	19.14	19.37	19.37		
100	PI/2 BPSK	1	137	19.11	19.66	19.66	19.6	0.0
100	PI/2 BPSK	136	0	19.22	19.46	19.46		
100	PI/2 BPSK	136	68	19.22	19.46	19.46	19.6	0.0
100	PI/2 BPSK	136	69	19.22	19.46	19.46	19.6	0.0
100	PI/2 BPSK	136	136	19.11	19.37	19.37		
100	PI/2 BPSK	273	0	19.09	19.33	19.33	19.6	0.0
100	QPSK	1	0	19.09	19.32	19.32		
100	QPSK	1	137	19.22	19.46	19.46	19.6	0.0
100	QPSK	136	0	19.22	19.46	19.46		
100	QPSK	136	68	19.22	19.46	19.46		
100	QPSK	136	69	19.22	19.46	19.46	19.6	0.0
100	QPSK	136	136	19.11	19.37	19.37		
100	QPSK	273	0	19.10	19.34	19.34	19.6	0.0
100	64QAM	1	1	17.91	18.14	18.14	18.6	0.0
100	256QAM	1	1	17.91	18.14	18.14	18.6	0.0
Channel				650004	653332	656660	Tune-up limit	MPR
Frequency [MHz]				3300	3360	3420	[dBm]	[dB]
90	QPSK	1	1	18.14	18.31	18.31	18.6	0.0
Channel				650368	653704	657040	Tune-up limit	MPR
Frequency [MHz]				3300.84	3360.84	3420.84	[dBm]	[dB]
80	QPSK	1	1	18.22	17.99	17.93	18.6	0.0
Channel				649708	653332	656956	Tune-up limit	MPR
Frequency [MHz]				3299.16	3359.16	3419.16	[dBm]	[dB]
70	QPSK	1	1	18.60	18.37	18.31	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
60	QPSK	1	1	17.89	17.82	17.82	18.6	0.0
Channel				647316	650940	654588	Tune-up limit	MPR
Frequency [MHz]				3293.58	3353.58	3413.58	[dBm]	[dB]
50	QPSK	1	1	18.09	17.85	17.82	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
40	QPSK	1	1	17.89	17.82	17.82	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
25	QPSK	1	1	18.04	17.85	17.82	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
20	QPSK	1	1	18.03	17.84	17.82	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
15	QPSK	1	1	17.89	17.82	17.82	18.6	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
10	QPSK	1	1	18.04	17.84	17.82	18.6	0.0

Part27O_n77(HPUE)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				650004	653332	656660		
Frequency [MHz]				3300	3360	3420		
100	PI/2 BPSK	1	0	19.30	19.57	19.57		
100	PI/2 BPSK	1	137	19.36	19.66	19.66	20.0	0.0
100	PI/2 BPSK	136	0	19.41	19.66	19.66		
100	PI/2 BPSK	136	68	19.41	19.66	19.66	20.0	0.0
100	PI/2 BPSK	136	69	19.41	19.66	19.66	20.0	0.0
100	PI/2 BPSK	136	136	19.30	19.57	19.57		
100	PI/2 BPSK	273	0	19.30	19.53	19.48	20.0	0.0
100	QPSK	1	0	19.30	19.56	19.56		
100	QPSK	1	137	19.37	19.66	19.66	20.0	0.0
100	QPSK	136	0	19.41	19.66	19.66		
100	QPSK	136	68	19.41	19.66	19.66		
100	QPSK	136	69	19.41	19.66	19.66	20.0	0.0
100	QPSK	136	136	19.30	19.57	19.57		
100	QPSK	273	0	19.30	19.56	19.56	20.0	0.0
100	64QAM	1	1	18.09	18.40	18.40	20.0	0.0
100	256QAM	1	1	18.09	18.73	18.68	20.0	0.0
Channel				650004	653332	656660	Tune-up limit	MPR
Frequency [MHz]				3300	3360	3420	[dBm]	[dB]
90	QPSK	1	1	20.09	19.52	19.75	20.0	0.0
Channel				649704	653332	656960	Tune-up limit	MPR
Frequency [MHz]				3299.16	3359.16	3419.16	[dBm]	[dB]
80	QPSK	1	1	20.09	19.52	19.75	20.0	0.0
Channel				649372	653000	656628	Tune-up limit	MPR
Frequency [MHz]				3298.32	3358.32	3418.32	[dBm]	[dB]
70	QPSK	1	1	20.09	19.52	19.75	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
60	QPSK	1	1	19.96	19.40	19.37	20.0	0.0
Channel				647316	650940	654588	Tune-up limit	MPR
Frequency [MHz]				3293.58	3353.58	3413.58	[dBm]	[dB]
50	QPSK	1	1	19.96	19.40	19.75	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
40	QPSK	1	1	19.96	19.33	19.75	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
25	QPSK	1	1	19.96	19.40	19.37	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
20	QPSK	1	1	20.09	19.40	19.36	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
15	QPSK	1	1	19.96	19.40	19.37	20.0	0.0
Channel				650332	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3302.52	3362.52	3422.52	[dBm]	[dB]
10	QPSK	1	1	19.96	19.40	19.36	20.0	0.0

Part27Q_n77_PC3_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				653332	654000			
Frequency [MHz]				3360.00	3366.60			
100	PI/2 BPSK	1	0	19.07	19.07			
100	PI/2 BPSK	1	137	19.64	19.64		19.5	0.0
100	PI/2 BPSK	136	0	19.38	19.38			
100	PI/2 BPSK	136	68	19.38	19.38		19.5	0.0
100	PI/2 BPSK	136	69	19.38	19.38		19.5	0.0
100	PI/2 BPSK	136	136	19.07	19.07			
100	PI/2 BPSK	273	0	19.10	19.10		19.5	0.0
100	QPSK	1	0	19.10	19.10			
100	QPSK	1	137	19.38	19.38		19.5	0.0
100	QPSK	136	0	19.38	19.38			
100	QPSK	136	68	19.38	19.38			
100	QPSK	136	69	19.38	19.38		19.5	0.0
100	QPSK	136	136	19.07	19.07			
100	QPSK	273	0	19.08	19.08		19.5	0.0
100	64QAM	1	1	17.77	17.77		18.5	0.0
100	256QAM	1	1	14.78	14.78		18.5	0.0
Channel				653004	653640	654276	Tune-up limit	MPR
Frequency [MHz]				3350.04	3356.64	3363.24	[dBm]	[dB]
90	QPSK	1	1	19.22	19.19	19.09	19.5	0.0
Channel				652704	653340	653976	Tune-up limit	MPR
Frequency [MHz]				3340.56	3347.16	3353.76	[dBm]	[dB]
80	QPSK	1	1	19.07	18.96	19.11	19.5	0.0
Channel				652372	653008	653644	Tune-up limit	MPR
Frequency [MHz]				3339.72	3346.32	3352.92	[dBm]	[dB]
70	QPSK	1	1	19.22	19.19	19.09	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
60	QPSK	1	1	18.96	18.96	18.96	19.5	0.0
Channel				651316	651940	652588	Tune-up limit	MPR
Frequency [MHz]				3314.58	3320.82	3327.30	[dBm]	[dB]
50	QPSK	1	1	19.13	18.96	19.09	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
40	QPSK	1	1	18.96	18.96	18.96	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
25	QPSK	1	1	19.22	19.19	19.09	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
20	QPSK	1	1	19.09	19.09	19.09	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
15	QPSK	1	1	19.09	19.09	19.09	19.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
10	QPSK	1	1	19.09	19.09	19.09	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				653004	653640	654276		
Frequency [MHz]				3350.04	3356.64	3363.24		
100	PI/2 BPSK	1	0	19.33	19.33	19.33		
100	PI/2 BPSK	1	137	19.64	19.67	19.69	17.5	0.0
100	PI/2 BPSK	136	0	19.44	19.44	19.44		
100	PI/2 BPSK	136	68	19.44	19.44	19.44	17.5	0.0
100	PI/2 BPSK	136	69	19.44	19.44	19.44	17.5	0.0
100	PI/2 BPSK	136	136	19.33	19.33	19.33		
100	PI/2 BPSK	273	0	19.47	19.68	19.58	17.5	0.0
100	QPSK	1	0	19.43	19.48	19.48		
100	QPSK	1	137	19.64	19.67	19.69	17.5	0.0
100	QPSK	136	0	19.44	19.44	19.44		
100	QPSK	136	68	19.44	19.44	19.44		
100	QPSK	136	69	19.44	19.43	19.69	17.5	0.0
100	QPSK	136	136	19.33	19.33	19.33		
100	QPSK	273	0	19.58	19.83	19.69	17.5	0.0
100	64QAM	1	1	18.66	18.66	18.74	17.5	0.0
100	256QAM	1	1	18.77	18.77	18.72	17.5	0.0
Channel				653004	653640	654276	Tune-up limit	MPR
Frequency [MHz]				3350.04	3356.64	3363.24	[dBm]	[dB]
90	QPSK	1	1	19.27	19.48	19.31	17.5	0.0
Channel				652704	653340	653976	Tune-up limit	MPR
Frequency [MHz]				3340.56	3347.16	3353.76	[dBm]	[dB]
80	QPSK	1	1	19.19	19.29	19.12	17.5	0.0
Channel				652372	653008	653644	Tune-up limit	MPR
Frequency [MHz]				3339.72	3346.32	3352.92	[dBm]	[dB]
70	QPSK	1	1	19.19	19.48	19.31	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
60	QPSK	1	1	19.18	19.47	19.31	17.5	0.0
Channel				651316	651940	652588	Tune-up limit	MPR
Frequency [MHz]				3314.58	3320.82	3327.30	[dBm]	[dB]
50	QPSK	1	1	19.29	19.12	19.09	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
40	QPSK	1	1	19.29	19.12	19.09	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
25	QPSK	1	1	19.12	19.23	19.12	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
20	QPSK	1	1	19.29	19.16	19.19	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
15	QPSK	1	1	19.29	19.12	19.09	17.5	0.0
Channel				653332	654000	654668	Tune-up limit	MPR
Frequency [MHz]				3360.00	3366.60	3373.20	[dBm]	[dB]
10	QPSK	1	1	19.19	19.11	19.09	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657604		
Frequency [MHz]				3397.92	3930.72	3967.32		
100	PI/2 BPSK	1	0	19.34	19.57	19.37	19.6	0.0
100	PI/2 BPSK	1	137	19.66	19.92	19.66		
100	PI/2 BPSK	1	69	19.61	19.82	19.62		
100	PI/2 BPSK	136	0	18.62	18.82	18.62	19.6	0.0
100	PI/2 BPSK	136	69	18.60	18.79	18.59	19.6	0.0
100	PI/2 BPSK	136	136	18.72	18.91	18.72		
100	PI/2 BPSK	270	0	18.59	18.79	18.58	19.6	0.0
100	QPSK	1	0	19.56	19.78	19.58		
100	QPSK	1	137	19.74	19.94	19.73	19.6	0.0
100	QPSK	1	69	19.68	19.89	19.68		
100	QPSK	136	0	18.66	18.87	18.67		
100	QPSK	136	69	18.72	18.91	18.72	19.6	0.0
100	QPSK	136	136	18.81	19.01	18.81		
100	QPSK	270	0	18.70	18.90	18.70	19.6	0.0
100	16QAM	1	0	18.69	18.90	18.71	19.6	0.0
100	64QAM	1	0	18.19	18.39	18.20	19.6	0.0
100	256QAM	1	0	17.20	17.40	17.21	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
90	QPSK	1	0	18.97	19.18	19.39	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
80	QPSK	1	0	19.48	19.69	19.90	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
70	QPSK	1	0	19.61	19.82	20.03	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
60	QPSK	1	0	19.49	19.69	19.90	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
50	QPSK	1	0	19.48	19.69	19.90	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
40	QPSK	1	0	19.49	19.69	19.90	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
30	QPSK	1	0	19.49	19.69	19.90	19.6	0.0
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
25	QPSK	1	0	19.57	19.78	19.98	20.0	0.4
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
20	QPSK	1	0	19.62	19.82	20.03	20.0	0.4
Channel				650272	653952	657632	Tune-up limit	MPR
Frequency [MHz]				3395.42	3930.72	3966.02	[dBm]	[dB]
15	QPSK	1	0	19.49	19.69	19.90	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657604		
Frequency [MHz]				3397.92	3930.72	3967.32		
100	PI/2 BPSK	1	0	19.36	19.57	19.37	19.6	0.0
100	PI/2 BPSK	1	137	19.66	19.92	19.66		
100	PI/2 BPSK	1	69	19.61	19.82	19.62		
100	PI/2 BPSK	136	0	18.62	18.82	18.62	19.6	0.0
100	PI/2 BPSK	136	69	18.61	18.79	18.59	19.6	0.0
100	PI/2 BPSK	136	136	18.72	18.91	18.72		
100	PI/2 BPSK	270	0	18.59	18.79	18.58	19.6	0.0
100	QPSK	1	0	19.56	19.78	19.58		
100	QPSK	1	137	19.74	19.94	19.73	19.6	0.0
100	QPSK	1	69	19.68	19.89	19.68		
100	QPSK	136	0	18.66	18.87	18.67		
100	QPSK	136	69	18.72	18.91	18.72	19.6	0.0
100	QPSK	136	136	18.81	19.01	18.81		
100	QPSK	270	0	18.70	18.90	18.70	19.6	0.0
100	16QAM	1	0	18.69	18.90	18.71	19.6	0.0
100	64QAM	1	0	18.19	18.39	18.20	19.6	0.0
100	256QAM	1	0	17.20	17.40	17.21	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
90	QPSK	1	0	18.97	19.18	19.39	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
80	QPSK	1	0	19.48	19.69	19.90	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
70	QPSK	1	0	19.61	19.82	20.03	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
60	QPSK	1	0	19.49	19.69	19.90	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
50	QPSK	1	0	19.48	19.69	19.90	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
40	QPSK	1	0	19.49	19.69	19.90	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
30	QPSK	1	0	19.49	19.69	19.90	19.6	0.0
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
25	QPSK	1	0	19.57	19.78	19.98	20.0	0.4
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
20	QPSK	1	0	19.62	19.82	20.03	20.0	0.4
Channel				650272	653952	657632	Tune-up limit	MPR
Frequency [MHz]				3395.42	3930.72	3966.02	[dBm]	[dB]
15	QPSK	1	0	19.49	19.69	19.90	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657604		
Frequency [MHz]				3397.92	3930.72	3967.32		
100	PI/2 BPSK	1	0	19.08	19.27	19.08	19.6	0.0
100	PI/2 BPSK	1	137	19.67	19.86	19.67		
100	PI/2 BPSK	1	69	19.62	19.82	19.62		
100	PI/2 BPSK	136	0	18.77	18.96	18.78	19.6	0.0
100	PI/2 BPSK	136	69	18.86	19.06	18.86	19.6	0.0
100	PI/2 BPSK	136	136	18.97	19.16	18.96		
100	PI/2 BPSK	270	0	18.85	19.04	18.85	19.6	0.0
100	QPSK	1	0	19.08	19.27	19.08		
100	QPSK	1	137	19.26	19.46	19.26	19.6	0.0
100	QPSK	1	69	19.21	19.41	19.21		
100	QPSK	136	0	18.25	18.44	18.25		
100	QPSK	136	69	18.31	18.50	18.31	19.6	0.0
100	QPSK	136	136	18.43	18.62	18.43		
100	QPSK	270	0	18.32	18.52	18.32	19.6	0.0
100	16QAM	1	0	18.32	18.52	18.33	19.6	0.0
100	64QAM	1	0	18.07	18.27	18.08	19.6	0.0
100	256QAM	1	0	15.32	15.52	15.33	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
90	QPSK	1	0	18.72	18.93	19.14	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
80	QPSK	1	0	19.02	19.23	19.44	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
70	QPSK	1	0	19.02	19.23	19.44	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
60	QPSK	1	0	18.92	19.12	19.33	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
50	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
40	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
30	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
25	QPSK	1	0	19.00	19.20	19.41	20.0	0.4
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
20	QPSK	1	0	19.05	19.25	19.46	20.0	0.4
Channel				650272	653952	657632	Tune-up limit	MPR
Frequency [MHz]				3395.42	3930.72	3966.02	[dBm]	[dB]
15	QPSK	1	0	18.92	19.12	19.33	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657604		
Frequency [MHz]				3397.92	3930.72	3967.32		
100	PI/2 BPSK	1	0	19.08	19.27	19.08	19.6	0.0
100	PI/2 BPSK	1	137	19.67	19.86	19.67		
100	PI/2 BPSK	1	69	19.62	19.82	19.62		
100	PI/2 BPSK	136	0	18.77	18.96	18.78	19.6	0.0
100	PI/2 BPSK	136	69	18.86	19.06	18.86	19.6	0.0
100	PI/2 BPSK	136	136	18.97	19.16	18.96		
100	PI/2 BPSK	270	0	18.85	19.04	18.85	19.6	0.0
100	QPSK	1	0	19.08	19.27	19.08		
100	QPSK	1	137	19.26	19.46	19.26	19.6	0.0
100	QPSK	1	69	19.21	19.41	19.21		
100	QPSK	136	0	18.25	18.44	18.25		
100	QPSK	136	69	18.31	18.50	18.31	19.6	0.0
100	QPSK	136	136	18.43	18.62	18.43		
100	QPSK	270	0	18.32	18.52	18.32	19.6	0.0
100	16QAM	1	0	18.32	18.52	18.33	19.6	0.0
100	64QAM	1	0	18.07	18.27	18.08	19.6	0.0
100	256QAM	1	0	15.32	15.52	15.33	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
90	QPSK	1	0	18.72	18.93	19.14	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
80	QPSK	1	0	19.02	19.23	19.44	19.6	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
70	QPSK	1	0	19.02	19.23	19.44	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
60	QPSK	1	0	18.92	19.12	19.33	20.0	0.4
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.32	3930.72	3962.12	[dBm]	[dB]
50	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
40	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650536	653952	657368	Tune-up limit	MPR
Frequency [MHz]				3398.02	3930.72	3963.42	[dBm]	[dB]
30	QPSK	1	0	18.92	19.12	19.33	19.6	0.0
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
25	QPSK	1	0	19.00	19.20	19.41	20.0	0.4
Channel				650404	653952	657500	Tune-up limit	MPR
Frequency [MHz]				3396.72	3930.72	3964.72	[dBm]	[dB]
20	QPSK	1	0	19.05	19.25	19.46	20.0	0.4
Channel				650272	653952	657632	Tune-up limit	MPR
Frequency [MHz]				3395.42	3930.72	3966.02	[dBm]	[dB]
15	QPSK	1	0	18.92	19.12	19.33	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3432.6	3467.52		
100	PI/2 BPSK	1	0	19.44	19.47	19.47		
100	PI/2 BPSK	1	137	19.66			19.0	0.0
100	PI/2 BPSK	1	69	19.57				
100	PI/2 BPSK	136	81	19.57			19.0	0.0
100	PI/2 BPSK	136	69	19.57			19.0	0.0
100	PI/2 BPSK	136	136	19.58				
100	PI/2 BPSK	273	0	19.69			19.0	0.0
100	QPSK	1	0	19.58				
100	QPSK	1	137	19.79			19.0	0.0
100	QPSK	1	69	19.70				
100	QPSK	136	81	19.71				
100	QPSK	136	69	19.70			19.0	0.0
100	QPSK	136	136	19.67				
100	QPSK	273	0	19.69			19.0	0.0
100	16QAM	1	0	18.69			18.0	0.0
100	16QAM	1	1	18.69			18.0	0.0
Channel				650668	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3467.52	[dBm]	[dB]
90	QPSK	1	0	18.43	18.44	18.43	18.0	0.0
Channel				650668	653952	657600	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3467.52	[dBm]	[dB]
90	QPSK	1	1	18.45	18.47	18.53	18.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	0	18.42	18.43	18.42	18.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	1	18.43	18.44	18.44	18.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	0	18.43	18.43	18.43	18.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	1	18.43	18.43	18.43	18.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	0	19.53	19.54	19.43	19.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	1	19.47	19.47	19.48	19.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	0	18.53	18.54	18.43	18.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	13	18.47	18.48	18.48	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3432.6	3467.52		
100	PI/2 BPSK	1	0	17.97	17.97	17.97		
100	PI/2 BPSK	1	137	17.97	17.98	17.96	19.0	0.0
100	PI/2 BPSK	1	69	17.96	17.96	17.96		
100	PI/2 BPSK	136	81	17.96	17.96	17.97	19.0	0.0
100	PI/2 BPSK	136	69	18.00	18.00	17.93	19.0	0.0
100	PI/2 BPSK	136	136	18.00	17.71	17.70		
100	PI/2 BPSK	273	0	17.72	17.71	17.72	19.0	0.0
100	QPSK	1	0	17.99	17.99	17.99		
100	QPSK	1	137	17.99	17.94	17.99	19.0	0.0
100	QPSK	1	69	17.99	17.99	17.99		
100	QPSK	136	81	17.99	17.93	17.99		
100	QPSK	136	69	17.71	17.72	17.68	19.0	0.0
100	QPSK	136	136	17.71	17.72	17.68		
100	QPSK	273	0	17.68	17.68	17.68	19.0	0.0
100	16QAM	1	0	17.00	17.00	17.00	18.0	0.0
100	16QAM	1	1	17.00	17.00	17.00	18.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	0	17.01	17.01	17.01	18.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	1	17.02	17.12	17.15	18.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	0	17.00	17.00	17.00	18.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	1	17.00	17.00	17.00	18.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	0	17.00	17.00	17.00	18.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	1	17.00	17.00	17.00	18.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	0	17.00	17.00	17.00	19.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	1	17.00	17.00	17.00	19.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	0	17.00	17.00	17.00	18.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	13	17.00	17.00	17.00	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3432.6	3467.52		
100	PI/2 BPSK	1	0	14.62				
100	PI/2 BPSK	1	137	14.76			16.0	0.0
100	PI/2 BPSK	1	69	14.73				
100	PI/2 BPSK	136	81	13.21			15.0	0.0
100	PI/2 BPSK	136	69	13.88			16.0	0.0
100	PI/2 BPSK	136	136	13.71				
100	PI/2 BPSK	273	0	13.82			15.0	0.0
100	QPSK	1	0	13.75				
100	QPSK	1	137	13.89			16.0	0.0
100	QPSK	1	69	13.86				
100	QPSK	136	81	13.76				
100	QPSK	136	69	13.84			15.0	0.0
100	QPSK	136	136	13.83				
100	QPSK	273	0	13.76			15.0	0.0
100	16QAM	1	0	13.75			15.0	0.0
100	16QAM	1	1	13.77			15.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	0	13.67	13.68	13.67	15.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	1	13.62	13.68	13.69	15.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	0	13.62	13.68	13.68	15.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	1	13.68	13.68	13.68	15.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	0	13.68	13.68	13.68	15.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	1	13.68	13.68	13.68	15.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	0	13.62	13.68	13.68	15.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	1	13.62	13.68	13.68	15.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	0	13.62	13.68	13.68	15.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	13	13.68	13.68	13.68	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3432.6	3467.52		
100	PI/2 BPSK	1	0	14.12	14.12	14.11		
100	PI/2 BPSK	1	137	14.15	14.26	14.09	16.0	0.0
100	PI/2 BPSK	1	69	14.14	14.14	14.09		
100	PI/2 BPSK	136	81	14.14	14.15	14.09	15.0	0.0
100	PI/2 BPSK	136	69	14.14	14.19	14.09	16.0	0.0
100	PI/2 BPSK	136	136	14.13	14.04	14.09	15.0	
100	PI/2 BPSK	273	0	14.41	14.09	13.57	16.0	0.0
100	QPSK	1	0	14.23	14.39	13.92		
100	QPSK	1	137	14.33	14.41	14.09	16.0	0.0
100	QPSK	1	69	14.33	14.39	14.09		
100	QPSK	136	81	14.13	14.17	13.91		
100	QPSK	136	69	14.23	14.37	13.92	16.0	0.0
100	QPSK	136	136	14.19	14.09	14.09		
100	QPSK	273	0	14.14	14.02	14.01	16.0	0.0
100	16QAM	1	0	13.21	13.26	13.25	15.0	0.0
100	16QAM	1	1	14.18	13.15	13.23	16.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	0	14.23	14.16	14.24	16.0	0.0
Channel				650668	653952	657236	Tune-up limit	MPR
Frequency [MHz]				3399.58	3432.6	3465.64	[dBm]	[dB]
90	QPSK	1	1	14.22	14.27	14.23	16.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	0	14.17	14.17	14.17	16.0	0.0
Channel				651316	653952	656588	Tune-up limit	MPR
Frequency [MHz]				3405.16	3432.6	3460.04	[dBm]	[dB]
90	QPSK	1	1	14.17	14.17	14.17	16.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	0	14.27	14.23	14.24	16.0	0.0
Channel				651668	653952	656236	Tune-up limit	MPR
Frequency [MHz]				3408.28	3432.6	3456.92	[dBm]	[dB]
90	QPSK	1	1	14.27	14.27	14.23	16.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	0	14.27	14.27	14.27	16.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	1	1	14.27	14.27	14.27	16.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	0	14.27	14.27	14.27	16.0	0.0
Channel				651020	653952	656884	Tune-up limit	MPR
Frequency [MHz]				3401.68	3432.6	3463.72	[dBm]	[dB]
25	QPSK	13	13	14.27	14.27	14.27	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3930.72	3982.08		
100	PI/2 BPSK	1	0	28.96	29.37	28.92	29.0	0.0
100	PI/2 BPSK	1	137	28.96	29.28	28.92		
100	PI/2 BPSK	136	0	28.96	29.28	28.92	29.0	0.0
100	PI/2 BPSK	136	81	28.92	29.24	28.88		
100	PI/2 BPSK	136	88	28.92	29.24	28.88	29.0	0.0
100	PI/2 BPSK	136	138	28.92	29.24	28.88		
100	PI/2 BPSK	270	0	28.89	29.24	28.85	29.0	0.5
100	QPSK	1	0	28.92	29.33	28.88		
100	QPSK	1	137	28.87	29.28	28.83	29.0	0.0
100	QPSK	136	0	28.92	29.33	28.88		
100	QPSK	136	81	28.92	29.28	28.88		
100	QPSK	136	88	28.92	29.28	28.88	29.0	0.0
100	QPSK	136	138	28.87	29.24	28.83		
100	QPSK	270	0	28.89	29.24	28.85	29.0	1.0
100	16QAM	1	0	28.79	29.24	28.75	29.0	1.0
100	64QAM	1	0	25.29	25.75	25.28	26.0	2.0
100	256QAM	1	0	22.79	23.24	22.78	23.5	3.5
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650776	653952	657124	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.16	3930.72	3977.64	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650812	653952	657088	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.52	3930.72	3977.28	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650848	653952	657052	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.88	3930.72	3976.92	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3930.72	3982.08		
100	PI/2 BPSK	1	0	28.96	28.97	28.92	29.0	0.0
100	PI/2 BPSK	1	137	28.92	29.28	28.88		
100	PI/2 BPSK	136	0	28.96	29.28	28.92	29.0	0.0
100	PI/2 BPSK	136	81	28.92	29.24	28.88		
100	PI/2 BPSK	136	88	28.92	29.24	28.88	29.0	0.0
100	PI/2 BPSK	136	138	28.92	29.24	28.88		
100	PI/2 BPSK	270	0	28.89	29.24	28.85	29.0	0.5
100	QPSK	1	0	28.92	29.33	28.88		
100	QPSK	1	137	28.87	29.28	28.83	29.0	0.0
100	QPSK	136	0	28.92	29.33	28.88		
100	QPSK	136	81	28.92	29.28	28.88		
100	QPSK	136	88	28.92	29.28	28.88	29.0	0.0
100	QPSK	136	138	28.87	29.24	28.83		
100	QPSK	270	0	28.89	29.24	28.85	29.0	1.0
100	16QAM	1	0	28.79	29.24	28.75	29.0	1.0
100	64QAM	1	0	25.29	25.75	25.28	26.0	2.0
100	256QAM	1	0	22.79	23.24	22.78	23.5	3.5
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	28.98	29.37	28.93	29.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650776	653952	657124	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.16	3930.72	3977.64	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650812	653952	657088	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.52	3930.72	3977.28	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0
Channel				650848	653952	657052	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.88	3930.72	3976.92	[dBm]	[dB]
80	QPSK	1	0	28.83	29.37	28.83	29.0	0.0

Part27Q_n77_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3930.72	3982.08		
100	PI/2 BPSK	1	0	21.92	21.96	21.92	23.0	0.0
100	PI/2 BPSK	1	137	21.88	21.92	21.88		
100	PI/2 BPSK	136	0	21.92	21.96	21.92	23.0	0.0
100	PI/2 BPSK	136	81	21.88	21.92	21.88		
100	PI/2 BPSK	136	88	21.87	21.92	21.87	23.0	0.0
100	PI/2 BPSK	136	138	21.88	21.92	21.88		
100	PI/2 BPSK	270	0	21.86	21.92	21.86	23.0	0.5
100	QPSK	1	0	21.87	21.92	21.87		
100	QPSK	1	137	21.87	21.92	21.87	23.0	0.0
100	QPSK	136	0	21.87	21.92	21.87		
100	QPSK	136	81	21.86	21.92	21.86		
100	QPSK	136	88	21.86	21.92	21.86	23.0	0.0
100	QPSK	136	138	21.87	21.92	21.87		
100	QPSK	270	0	21.84	21.92	21.84	23.0	0.0
100	16QAM	1	0	21.85	21.92	21.85	23.0	0.0
100	64QAM	1	0	21.84	21.92	21.84	23.0	0.0
100	256QAM	1	0	20.71	20.79	20.71	21.5	1.5
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650776	653952	657124	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.16	3930.72	3977.64	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650812	653952	657088	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.52	3930.72	3977.28	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0
Channel				650848	653952	657052	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.88	3930.72	3976.92	[dBm]	[dB]
80	QPSK	1	0	21.92	21.96	21.92	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				650332	653952	657600		
Frequency [MHz]				3397.92	3930.72	3982.08		
100	PI/2 BPSK	1	0	21.92	21.96	21.92	23.0	0.0
100	PI/2 BPSK	1	137	21.88	21.92	21.88		
100	PI/2 BPSK	136	0	21.92	21.96	21.92	23.0	0.0
100	PI/2 BPSK	136	81	21.88	21.92	21.88		
100	PI/2 BPSK	136	88	22.13	22.13	22.01	23.0	0.0
100	PI/2 BPSK	136	138	22.03	22.13	22.01		
100	PI/2 BPSK	270	0	22.42	21.87	22.38	23.0	0.5
100	QPSK	1	0	22.13	22.08	22.08		
100	QPSK	1	137	22.09	22.07	22.07	23.0	0.0
100	QPSK	136	0	22.13	22.08	22.08		
100	QPSK	136	81	22.13	22.03	22.08		
100	QPSK	136	88	22.03	22.03	22.02	23.0	0.0
100	QPSK	136	138	22.09	22.07	22.07		
100	QPSK	270	0	22.13	22.08	22.08	23.0	1.0
100	16QAM	1	0	22.03	21.97	22.03	23.0	1.0
100	64QAM	1	0	20.18	20.04	20.08	20.5	2.0
100	256QAM	1	0	18.13	18.03	18.06	18.5	3.5
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	22.11	22.13	22.01	23.0	0.0
Channel				650668	653952	657600	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.08	3930.72	3982.08	[dBm]	[dB]
80	QPSK	1	0	22.17	22.18	22.05	23.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	22.08	22.18	22.05	23.0	0.0
Channel				650704	653952	657200	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.44	3930.72	3978.72	[dBm]	[dB]
80	QPSK	1	0	22.14	22.18	22.05	23.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	22.03	22.18	22.05	23.0	0.0
Channel				650740	653952	657160	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3400.80	3930.72	3979.08	[dBm]	[dB]
80	QPSK	1	0	22.17	22.20	22.05	23.0	0.0
Channel				650776	653952	657124	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.16	3930.72	3977.64	[dBm]	[dB]
80	QPSK	1	0	22.13	22.18	22.05	23.0	0.0
Channel				650812	653952	657088	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.52	3930.72	3977.28	[dBm]	[dB]
80	QPSK	1	0	22.13	22.18	22.05	23.0	0.0
Channel				650848	653952	657052	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3401.88	3930.72	3976.92	[dBm]	[dB]
80	QPSK	1	0	22.14	22.18	22.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Limit Ch / Freq	Power Result Ch / Freq	Power Drop Ch / Freq	Tune-up limit [dBm]	SPR [dB]
Channel				650000	650000			
Frequency [MHz]				3850.00	3850.00			
100	PI/2 BPSK	1	0	17.47	16.97			
100	PI/2 BPSK	1	137	17.76			19.6	0.0
100	PI/2 BPSK	1	274	17.82				
100	PI/2 BPSK	136	81	17.82			19.6	0.0
100	PI/2 BPSK	136	89	17.82			19.6	0.0
100	PI/2 BPSK	136	138	17.77			19.6	0.0
100	PI/2 BPSK	273	0	17.87				
100	QPSK	1	0	17.76			19.6	0.0
100	QPSK	1	137	17.83				
100	QPSK	1	274	17.83				
100	QPSK	136	0	17.72				
100	QPSK	136	89	16.82			19.6	0.0
100	QPSK	136	138	17.78				
100	QPSK	273	0	16.76			19.6	0.0
100	16QAM	1	0	17.73			19.6	0.0
100	64QAM	1	0	17.68			19.6	0.0
100	256QAM	1	0	17.42			19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	17.72	17.24	17.72	19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	17.62	17.23	17.62	19.6	0.0
Channel				647334	647334	647334	Tune-up limit	SPR
Frequency [MHz]				3810.00	3810.00	3810.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	17.42	17.38	17.42	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	17.42	17.38	17.42	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	17.42	17.38	17.42	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	17.68	17.23	17.63	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Limit Ch / Freq	Power Result Ch / Freq	Power Drop Ch / Freq	Tune-up limit [dBm]	SPR [dB]
Channel				650000	650000			
Frequency [MHz]				3850.00	3850.00			
100	PI/2 BPSK	1	0	16.97				
100	PI/2 BPSK	1	137	16.92			19.6	0.0
100	PI/2 BPSK	1	274	16.97				
100	PI/2 BPSK	136	81	16.97			19.6	0.0
100	PI/2 BPSK	136	89	16.96			19.6	0.0
100	PI/2 BPSK	136	138	16.71				
100	PI/2 BPSK	273	0	16.93			19.6	0.0
100	QPSK	1	0	16.92				
100	QPSK	1	137	16.96			19.6	0.0
100	QPSK	1	274	16.97				
100	QPSK	136	0	16.72				
100	QPSK	136	89	16.96			19.6	0.0
100	QPSK	136	138	16.72				
100	QPSK	273	0	16.96			19.6	0.0
100	16QAM	1	0	16.96			19.6	0.0
100	64QAM	1	0	16.96			19.6	0.0
100	256QAM	1	0	16.71			19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	16.72	16.23	16.72	19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	16.62	16.22	16.62	19.6	0.0
Channel				647334	647334	647334	Tune-up limit	SPR
Frequency [MHz]				3810.00	3810.00	3810.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.18	16.68	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	16.42	16.38	16.42	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.23	16.63	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.23	16.63	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	16.42	16.38	16.42	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.23	16.63	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.23	16.63	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	16.42	16.38	16.42	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	16.68	16.23	16.63	19.6	0.0

Part27Q n78_PC3_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Limit Ch / Freq	Power Result Ch / Freq	Power Drop Ch / Freq	Tune-up limit [dBm]	SPR [dB]
Channel				650000	650000			
Frequency [MHz]				3850.00	3850.00			
100	PI/2 BPSK	1	0	14.76				
100	PI/2 BPSK	1	137	14.87			26.0	0.0
100	PI/2 BPSK	1	274	14.87				
100	PI/2 BPSK	136	81	14.86			26.0	0.0
100	PI/2 BPSK	136	89	14.85			26.0	0.0
100	PI/2 BPSK	136	138	14.79			26.0	0.0
100	PI/2 BPSK	273	0	14.82				
100	QPSK	1	0	14.79				
100	QPSK	1	137	14.88			26.0	0.0
100	QPSK	1	274	14.88				
100	QPSK	136	0	14.76				
100	QPSK	136	89	14.81			26.0	0.0
100	QPSK	136	138	14.86				
100	QPSK	273	0	14.77			26.0	0.0
100	16QAM	1	0	14.86			26.0	0.0
100	64QAM	1	0	14.79			26.0	0.0
100	256QAM	1	0	13.79			26.0	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	14.72	14.23	14.72	26.0	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	14.72	14.73	14.76	26.0	0.0
Channel				647334	647334	647334	Tune-up limit	SPR
Frequency [MHz]				3810.00	3810.00	3810.00	[dBm]	[dB]
80	QPSK	1	0	14.82	14.78	14.78	26.0	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	14.82	14.78	14.78	26.0	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	14.82	14.78	14.78	26.0	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	14.67	14.80	14.77	26.0	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	14.68	14.77	14.68	26.0	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	14.67	14.80	14.77	26.0	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	14.82	14.78	14.78	26.0	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	14.68	14.77	14.68	26.0	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	14.67	14.80	14.77	26.0	0.0

Part27O n78_PC3_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Limit Ch / Freq	Power Result Ch / Freq	Power Drop Ch / Freq	Tune-up limit [dBm]	SPR [dB]
Channel				650000	650000			
Frequency [MHz]				3850.00	3850.00			
100	PI/2 BPSK	1	0	14.97				
100	PI/2 BPSK	1	137	15.10			19.6	0.0
100	PI/2 BPSK	1	274	15.17				
100	PI/2 BPSK	136	81	15.09			19.6	0.0
100	PI/2 BPSK	136	89	15.23			19.6	0.0
100	PI/2 BPSK	136	138	15.11				
100	PI/2 BPSK	273	0	15.08			19.6	0.0
100	QPSK	1	0	15.12				
100	QPSK	1	137	15.24			19.6	0.0
100	QPSK	1	274	15.17				
100	QPSK	136	0	15.17				
100	QPSK	136	89	15.20			19.6	0.0
100	QPSK	136	138	15.19				
100	QPSK	273	0	15.09			19.6	0.0
100	16QAM	1	0	15.09			19.6	0.0
100	64QAM	1	0	15.07			19.6	0.0
100	256QAM	1	0	14.39			19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	15.18	15.16	15.17	19.6	0.0
Channel				650000	650000	650000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	15.29	15.31	15.22	19.6	0.0
Channel				647334	647334	647334	Tune-up limit	SPR
Frequency [MHz]				3810.00	3810.00	3810.00	[dBm]	[dB]
80	QPSK	1	0	15.36	15.36	15.31	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	15.37	15.39	15.33	19.6	0.0
Channel				651666	651666	651666	Tune-up limit	SPR
Frequency [MHz]				3890.00	3890.00	3890.00	[dBm]	[dB]
80	QPSK	1	0	15.37	15.39	15.33	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	15.23	15.31	15.28	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	15.22	15.28	15.24	19.6	0.0
Channel				651334	651334	651334	Tune-up limit	SPR
Frequency [MHz]				3870.00	3870.00	3870.00	[dBm]	[dB]
80	QPSK	1	0	15.37	15.39	15.33	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	15.37	15.39	15.33	19.6	0.0
Channel				651000	651000	651000	Tune-up limit	SPR
Frequency [MHz]				3850.00	3850.00	3850.00	[dBm]	[dB]
80	QPSK	1	0	15.22	15.28	15.24	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				633334				
Frequency [MHz]				3299.98				
100	PI/2 BPSK	1	0	18.62			19.5	0.0
100	PI/2 BPSK	1	137	18.62				
100	PI/2 BPSK	1	274	18.62			19.5	0.0
100	PI/2 BPSK	136	68	18.62			19.5	0.0
100	PI/2 BPSK	136	138	18.72			19.5	0.0
100	PI/2 BPSK	273	0	18.62			19.5	0.0
100	QPSK	1	0	18.62				
100	QPSK	1	137	18.67			19.5	0.0
100	QPSK	1	274	18.62				
100	QPSK	136	0	18.62				
100	QPSK	136	68	18.62			19.5	0.0
100	QPSK	136	138	18.72				
100	QPSK	273	0	18.67			19.5	0.0
100	16QAM	1	0	18.62			19.5	0.0
100	64QAM	1	0	18.62			19.5	0.0
100	256QAM	1	0	18.72			19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.38	19.51	18.65	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.38	19.51	18.65	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.38	19.51	18.65	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				633334				
Frequency [MHz]				3299.98				
100	PI/2 BPSK	1	0	18.62			19.5	0.0
100	PI/2 BPSK	1	137	18.62				
100	PI/2 BPSK	1	274	18.62			19.5	0.0
100	PI/2 BPSK	136	68	18.62			19.5	0.0
100	PI/2 BPSK	136	138	18.72			19.5	0.0
100	PI/2 BPSK	273	0	18.62			19.5	0.0
100	QPSK	1	0	18.62				
100	QPSK	1	137	18.67			19.5	0.0
100	QPSK	1	274	18.62				
100	QPSK	136	0	18.62				
100	QPSK	136	68	18.62			19.5	0.0
100	QPSK	136	138	18.72				
100	QPSK	273	0	18.67			19.5	0.0
100	16QAM	1	0	18.62			19.5	0.0
100	64QAM	1	0	18.62			19.5	0.0
100	256QAM	1	0	18.72			19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.38	19.51	18.65	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.38	19.51	18.65	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.39	18.61	18.73	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				633334				
Frequency [MHz]				3299.98				
100	PI/2 BPSK	1	0	19.12			19.5	0.0
100	PI/2 BPSK	1	137	19.12				
100	PI/2 BPSK	1	274	19.12			19.5	0.0
100	PI/2 BPSK	136	68	19.62			19.5	0.0
100	PI/2 BPSK	136	138	19.72			19.5	0.0
100	PI/2 BPSK	273	0	19.62			19.5	0.0
100	QPSK	1	0	19.62				
100	QPSK	1	137	19.67			19.5	0.0
100	QPSK	1	274	19.62				
100	QPSK	136	0	19.62				
100	QPSK	136	68	19.62			19.5	0.0
100	QPSK	136	138	19.72				
100	QPSK	273	0	19.67			19.5	0.0
100	16QAM	1	0	19.62			19.5	0.0
100	64QAM	1	0	19.62			19.5	0.0
100	256QAM	1	0	19.72			19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.38	20.51	19.65	20.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.39	19.61	19.73	20.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	20.39	19.61	19.73	20.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.38	20.51	19.65	20.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	20.39	19.61	19.73	20.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	20.39	19.61	19.73	20.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.38	20.51	19.65	20.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	20.39	19.61	19.73	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				633334				
Frequency [MHz]				3299.98				
100	PI/2 BPSK	1	0	19.12			19.5	0.0
100	PI/2 BPSK	1	137	19.12				
100	PI/2 BPSK	1	274	19.12			19.5	0.0
100	PI/2 BPSK	136	68	19.12			19.5	0.0
100	PI/2 BPSK	136	138	19.19			19.5	0.0
100	PI/2 BPSK	273	0	19.12			19.5	0.0
100	QPSK	1	0	19.12				
100	QPSK	1	137	19.17			19.5	0.0
100	QPSK	1	274	19.12				
100	QPSK	136	0	19.12				
100	QPSK	136	68	19.12			19.5	0.0
100	QPSK	136	138	19.19				
100	QPSK	273	0	19.17			19.5	0.0
100	16QAM	1	0	19.12			19.5	0.0
100	64QAM	1	0	19.12			19.5	0.0
100	256QAM	1	0	19.19			19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.12	20.11	19.24	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.11	18.22	17.79	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.11	18.22	17.79	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.12	20.11	19.24	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	19.11	18.22	17.79	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.11	18.22	17.79	19.5	0.0
Channel				633332	633666	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3299.96	3300.00	3300.04		
40	QPSK	1	0	21.12	20.11	19.24	19.5	0.0
Channel				634000	634333	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3300.04	3300.13	3300.21		
40	QPSK	1	0	19.11	18.22	17.79	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				620339				
Frequency [MHz]				3269.65				
100	PI/2 BPSK	1	0	16.42			18.0	0.0
100	PI/2 BPSK	1	137	16.49				
100	PI/2 BPSK	1	275	16.51			18.0	0.0
100	PI/2 BPSK	136	68	16.42			18.0	0.0
100	PI/2 BPSK	136	69	16.43			18.0	0.0
100	PI/2 BPSK	136	138	16.52			18.0	0.0
100	PI/2 BPSK	275	0	16.57				
100	QPSK	1	0	16.52			18.0	0.0
100	QPSK	1	137	16.57				
100	QPSK	1	275	16.59			18.0	0.0
100	QPSK	136	0	16.51				
100	QPSK	136	68	16.72			18.0	0.0
100	QPSK	136	138	16.62				
100	QPSK	275	0	16.71			18.0	0.0
100	16QAM	1	0	15.42			18.0	0.0
100	64QAM	1	0	16.67			18.0	0.0
100	64QAM	1	1	16.59			18.0	0.0
Channel				620339	630000	639661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3269.65	3300.00	3330.35		
40	QPSK	1	0	16.47	16.51	16.45	18.0	0.0
Channel				624720	630000	635280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3314.40	3360.00	3405.60		
40	QPSK	1	0	16.47	16.51	16.45	18.0	0.0
Channel				625440	630000	634560	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3321.60	3360.00	3398.40		
40	QPSK	1	0	16.47	16.51	16.45	18.0	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	16.48	16.49	16.48	18.0	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	16.48	16.49	16.48	18.0	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	16.48	16.49	16.48	18.0	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	16.48	16.49	16.48	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				620339				
Frequency [MHz]				3269.65				
100	PI/2 BPSK	1	0	17.32				
100	PI/2 BPSK	1	137	17.39			18.5	0.0
100	PI/2 BPSK	1	275	17.41				
100	PI/2 BPSK	136	68	17.31			18.5	0.0
100	PI/2 BPSK	136	69	17.32			18.5	0.0
100	PI/2 BPSK	136	138	17.41			18.5	0.0
100	PI/2 BPSK	275	0	17.35				
100	QPSK	1	0	17.36			18.5	0.0
100	QPSK	1	137	17.38				
100	QPSK	1	275	17.39			18.5	0.0
100	QPSK	136	0	17.30				
100	QPSK	136	68	17.49			18.5	0.0
100	QPSK	136	138	17.39				
100	QPSK	275	0	17.48			18.5	0.0
100	16QAM	1	0	17.30			18.5	0.0
100	64QAM	1	0	17.39			18.5	0.0
100	64QAM	1	1	17.30			18.5	0.0
Channel				620339	630000	639661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3269.65	3300.00	3330.35		
40	QPSK	1	0	17.41	17.38	17.39	18.5	0.0
Channel				624720	630000	635280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3314.40	3360.00	3405.60		
40	QPSK	1	0	17.41	17.38	17.39	18.5	0.0
Channel				625440	630000	634560	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3321.60	3360.00	3398.40		
40	QPSK	1	0	17.41	17.38	17.39	18.5	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	17.39	17.38	17.39	18.5	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	17.39	17.38	17.39	18.5	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	17.39	17.38	17.39	18.5	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	17.41	17.38	17.39	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				620339				
Frequency [MHz]				3269.65				
100	PI/2 BPSK	1	0	13.58				
100	PI/2 BPSK	1	137	13.66			16.0	0.0
100	PI/2 BPSK	1	275	13.68				
100	PI/2 BPSK	136	68	13.58			16.0	0.0
100	PI/2 BPSK	136	69	13.60			16.0	0.0
100	PI/2 BPSK	136	138	13.69			16.0	0.0
100	PI/2 BPSK	275	0	13.67				
100	QPSK	1	0	13.62			16.0	0.0
100	QPSK	1	137	13.66				
100	QPSK	1	275	13.68			16.0	0.0
100	QPSK	136	0	13.58				
100	QPSK	136	68	13.76			16.0	0.0
100	QPSK	136	138	13.68				
100	QPSK	275	0	13.68			16.0	0.0
100	16QAM	1	0	13.58			16.0	0.0
100	64QAM	1	0	13.68			16.0	0.0
100	64QAM	1	1	13.68			16.0	0.0
Channel				620339	630000	639661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3269.65	3300.00	3330.35		
40	QPSK	1	0	13.68	13.76	13.68	16.0	0.0
Channel				624720	630000	635280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3314.40	3360.00	3405.60		
40	QPSK	1	0	13.68	13.67	13.61	16.0	0.0
Channel				625440	630000	634560	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3321.60	3360.00	3398.40		
40	QPSK	1	0	13.62	13.77	13.67	16.0	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	13.68	13.68	13.68	16.0	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	13.62	13.77	13.68	16.0	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	13.62	13.77	13.68	16.0	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	13.62	13.77	13.68	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				620339				
Frequency [MHz]				3269.65				
100	PI/2 BPSK	1	0	13.97				
100	PI/2 BPSK	1	137	14.29			16.5	0.0
100	PI/2 BPSK	1	275	14.17				
100	PI/2 BPSK	136	68	13.97			16.5	0.0
100	PI/2 BPSK	136	69	13.99			16.5	0.0
100	PI/2 BPSK	136	138	13.99			16.5	0.0
100	PI/2 BPSK	275	0	13.97				
100	QPSK	1	0	13.91			16.5	0.0
100	QPSK	1	137	14.29				
100	QPSK	1	275	14.23			16.5	0.0
100	QPSK	136	0	13.91				
100	QPSK	136	68	14.29			16.5	0.0
100	QPSK	136	138	14.19				
100	QPSK	275	0	14.19			16.5	0.0
100	16QAM	1	0	13.91			16.5	0.0
100	64QAM	1	0	14.23			16.5	0.0
100	64QAM	1	1	14.23			16.5	0.0
Channel				620339	630000	639661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3269.65	3300.00	3330.35		
40	QPSK	1	0	14.27	14.32	14.37	16.5	0.0
Channel				624720	630000	635280	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3314.40	3360.00	3405.60		
40	QPSK	1	0	14.13	14.18	14.23	16.5	0.0
Channel				625440	630000	634560	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3321.60	3360.00	3398.40		
40	QPSK	1	0	14.19	14.28	14.33	16.5	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	14.16	14.28	14.16	16.5	0.0
Channel				631339	633333	635339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3410.65	3430.00	3449.35		
40	QPSK	1	0	14.24	14.29	14.27	16.5	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	14.13	14.19	14.26	16.5	0.0
Channel				632339	633333	634339	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3420.65	3430.00	3439.35		
40	QPSK	1	0	14.17	14.29	14.26	16.5	0.0
Channel				647339	650000	652661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3512.65	3530.00	3547.35		
40	QPSK	1	0	14.29	14.37	14.44	16.5	0.0
Channel				647339	650000	652661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3512.65	3530.00	3547.35		
40	QPSK	1	0	14.29	14.37	14.44	16.5	0.0
Channel				647339	650000	652661	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3512.65	3530.00	3547.35		
40	QPSK	1	0	14.29	14.37	14.44	16.5	0.0

Part27Q n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	0	24.47			29.0	0.0
100	PI/2 BPSK	1	137	24.36				
100	PI/2 BPSK	1	68	24.37				
100	PI/2 BPSK	136	0	23.36			29.0	0.0
100	PI/2 BPSK	136	68	23.36			29.0	
100	PI/2 BPSK	136	134	23.34			29.0	0.0
100	PI/2 BPSK	270	0	23.33				
100	QPSK	1	0	23.35			29.0	0.0
100	QPSK	1	137	23.22				
100	QPSK	1	68	23.32				
100	QPSK	136	0	23.32			29.0	0.0
100	QPSK	136	68	23.42				
100	QPSK	136	134	23.32				
100	QPSK	270	0	23.33			29.0	0.0
100	16QAM	1	0	23.42			29.0	0.0
100	64QAM	1	0	23.35			29.0	0.0
100	256QAM	1	0	21.32			27.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
90	QPSK	1	0	23.26	23.37	23.47	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
80	QPSK	1	0	23.25	23.36	23.45	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
70	QPSK	1	0	23.24	23.35	23.44	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
60	QPSK	1	0	23.23	23.34	23.43	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
50	QPSK	1	0	23.22	23.33	23.42	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
40	QPSK	1	0	23.21	23.32	23.41	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
30	QPSK	1	0	23.20	23.31	23.40	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
25	QPSK	1	0	23.20	23.31	23.40	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
20	QPSK	1	0	23.20	23.31	23.40	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
15	QPSK	1	0	23.20	23.31	23.40	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
10	QPSK	1	0	23.20	23.31	23.40	29.0	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	0	24.73				
100	PI/2 BPSK	1	137	24.68			29.0	0.0
100	PI/2 BPSK	1	68	24.67				
100	PI/2 BPSK	136	0	23.67			29.0	0.0
100	PI/2 BPSK	136	68	23.62			29.0	0.0
100	PI/2 BPSK	136	134	23.79				
100	PI/2 BPSK	270	0	23.73			29.0	0.0
100	QPSK	1	0	23.77				
100	QPSK	1	137	23.61			29.0	0.0
100	QPSK	1	68	23.71				
100	QPSK	136	0	23.70				
100	QPSK	136	68	23.69			29.0	0.0
100	QPSK	136	134	23.79				
100	QPSK	270	0	23.69			29.0	0.0
100	16QAM	1	0	23.68			29.0	0.0
100	64QAM	1	0	23.70			29.0	0.0
100	256QAM	1	0	23.71			27.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
90	QPSK	1	0	23.71	23.75	23.81	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
80	QPSK	1	0	23.77	23.83	23.83	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
70	QPSK	1	0	23.77	23.83	23.83	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
60	QPSK	1	0	23.76	23.73	23.70	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
50	QPSK	1	0	23.69	23.68	23.73	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
40	QPSK	1	0	23.68	23.68	23.73	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
30	QPSK	1	0	23.67	23.73	23.73	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
25	QPSK	1	0	23.73	23.73	23.73	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
20	QPSK	1	0	23.71	23.68	23.72	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
15	QPSK	1	0	23.70	23.72	23.71	29.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
10	QPSK	1	0	23.70	23.72	23.69	29.0	0.0

Part27Q n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	0	24.38				
100	PI/2 BPSK	1	137	24.26			24.0	0.0
100	PI/2 BPSK	1	68	24.27				
100	PI/2 BPSK	136	0	23.23			23.0	0.0
100	PI/2 BPSK	136	68	23.23			23.0	0.0
100	PI/2 BPSK	136	134	23.27			23.0	0.0
100	PI/2 BPSK	270	0	23.22				
100	QPSK	1	0	23.25			23.0	0.0
100	QPSK	1	137	23.09				
100	QPSK	1	68	23.23				
100	QPSK	136	0	23.22				
100	QPSK	136	68	23.22			23.0	0.0
100	QPSK	136	134	23.32				
100	QPSK	270	0	23.22			23.0	0.0
100	16QAM	1	0	23.22			23.0	0.0
100	64QAM	1	0	23.21			23.0	0.0
100	256QAM	1	0	20.31			22.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
90	QPSK	1	0	23.21	23.28	23.43	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
80	QPSK	1	0	23.20	23.27	23.42	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
70	QPSK	1	0	23.19	23.26	23.41	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
60	QPSK	1	0	23.18	23.25	23.40	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
50	QPSK	1	0	23.17	23.24	23.39	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
40	QPSK	1	0	23.16	23.23	23.38	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
30	QPSK	1	0	23.15	23.22	23.37	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
25	QPSK	1	0	23.14	23.21	23.36	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
20	QPSK	1	0	23.13	23.20	23.35	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
15	QPSK	1	0	23.12	23.19	23.34	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
10	QPSK	1	0	23.11	23.18	23.33	23.0	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	0	24.76				
100	PI/2 BPSK	1	137	24.66			23.0	0.0
100	PI/2 BPSK	1	68	24.67				
100	PI/2 BPSK	136	0	23.62			23.0	0.0
100	PI/2 BPSK	136	68	23.59			23.0	0.0
100	PI/2 BPSK	136	134	23.59				
100	PI/2 BPSK	270	0	23.62			23.0	0.0
100	QPSK	1	0	23.70				
100	QPSK	1	137	23.56			23.0	0.0
100	QPSK	1	68	23.62				
100	QPSK	136	0	23.62				
100	QPSK	136	68	23.62			23.0	0.0
100	QPSK	136	134	23.72				
100	QPSK	270	0	23.62			23.0	0.0
100	16QAM	1	0	23.62			23.0	0.0
100	64QAM	1	0	23.62			23.0	0.0
100	256QAM	1	0	20.69			21.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
90	QPSK	1	0	23.62	23.68	23.73	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
80	QPSK	1	0	23.61	23.67	23.72	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
70	QPSK	1	0	23.60	23.66	23.71	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
60	QPSK	1	0	23.59	23.65	23.70	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
50	QPSK	1	0	23.58	23.64	23.69	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
40	QPSK	1	0	23.57	23.63	23.68	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
30	QPSK	1	0	23.56	23.62	23.67	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
25	QPSK	1	0	23.55	23.61	23.66	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
20	QPSK	1	0	23.54	23.60	23.65	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
15	QPSK	1	0	23.53	23.59	23.64	23.0	0.0
Channel				634000	634000	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3500.1	3500.1	3500.16		
10	QPSK	1	0	23.52	23.58	23.63	23.0	0.0

Reduced Power for DSI 1 ENDC NR_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.08	21.28	21.27	23.0	0.0
50	PI/2 BPSK	1	135	21.29	21.35	21.22		
50	PI/2 BPSK	1	268	21.11	21.18	21.12		
50	PI/2 BPSK	135	0	21.20	21.31	21.31	23.0	0.0
50	PI/2 BPSK	135	68	21.11	21.30	21.17	23.0	0.0
50	PI/2 BPSK	135	135	21.21	21.30	21.20	23.0	0.0
50	PI/2 BPSK	270	0	21.16	21.17	21.10		
50	QPSK	1	1	21.27	21.42	21.33	23.0	0.0
50	QPSK	1	135	21.21	21.38	21.27		
50	QPSK	1	268	21.17	21.36	21.25		
50	QPSK	135	0	21.19	21.32	21.14	23.0	0.0
50	QPSK	135	68	21.32	21.40	21.28	23.0	0.0
50	QPSK	135	135	21.20	21.34	21.18	23.0	0.0
50	QPSK	270	0	21.16	21.22	21.15		
50	16QAM	1	1	21.08	21.17	21.07	23.0	0.0
50	64QAM	1	1	20.03	20.23	20.19	22.0	1.0
50	256QAM	1	1	18.31	18.50	18.30	20.0	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.27	21.33	21.16	23.0	0.0
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.24	21.22	21.25	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.09	21.35	21.21	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.08	21.35	21.26	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.15	21.37	21.17	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.23	21.38	21.21	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.21	21.24	21.26	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.28	17.31	17.27	18.5	0.0
50	PI/2 BPSK	1	135	17.26	17.34	17.26		
50	PI/2 BPSK	1	268	17.33	17.36	17.28		
50	PI/2 BPSK	135	0	17.28	17.40	17.26	18.5	0.0
50	PI/2 BPSK	135	68	17.25	17.38	17.31	18.5	0.0
50	PI/2 BPSK	135	135	17.33	17.39	17.35	18.5	0.0
50	PI/2 BPSK	270	0	17.28	17.39	17.33		
50	QPSK	1	1	17.40	17.51	17.39	18.5	0.0
50	QPSK	1	135	17.37	17.47	17.34		
50	QPSK	1	268	17.38	17.47	17.29		
50	QPSK	135	0	17.32	17.39	17.36	18.5	0.0
50	QPSK	135	68	17.37	17.41	17.38	18.5	0.0
50	QPSK	135	135	17.35	17.38	17.31	18.5	0.0
50	QPSK	270	0	17.32	17.40	17.23		
50	16QAM	1	1	17.30	17.32	17.26	18.5	0.0
50	64QAM	1	1	17.33	17.39	17.37	18.5	0.0
50	256QAM	1	1	17.33	17.38	17.24	18.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.26	17.44	17.36	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.32	17.50	17.27	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.34	17.36	17.25	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.35	17.44	17.26	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.32	17.45	17.32	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.36	17.46	17.35	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.29	17.45	17.26	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.46	17.45	17.26	19.0	0.0
50	PI/2 BPSK	1	135	17.45	17.50	17.36		
50	PI/2 BPSK	1	268	17.34	17.42	17.33		
50	PI/2 BPSK	135	0	17.36	17.42	17.26	19.0	0.0
50	PI/2 BPSK	135	68	17.36	17.54	17.32	19.0	0.0
50	PI/2 BPSK	135	135	17.39	17.42	17.25	19.0	0.0
50	PI/2 BPSK	270	0	17.41	17.50	17.25		
50	QPSK	1	1	17.50	17.65	17.43	19.0	0.0
50	QPSK	1	135	17.42	17.41	17.34		
50	QPSK	1	268	17.43	17.41	17.38		
50	QPSK	135	0	17.41	17.45	17.34	19.0	0.0
50	QPSK	135	68	17.47	17.55	17.40	19.0	0.0
50	QPSK	135	135	17.39	17.50	17.26	19.0	0.0
50	QPSK	270	0	17.32	17.48	17.36		
50	16QAM	1	1	17.40	17.45	17.28	19.0	0.0
50	64QAM	1	1	17.32	17.45	17.38	19.0	0.0
50	256QAM	1	1	17.35	17.49	17.36	19.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.48	17.53	17.40	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.40	17.50	17.42	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.48	17.62	17.36	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.47	17.50	17.34	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.43	17.52	17.34	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.43	17.58	17.32	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.43	17.59	17.28	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.16	21.25	21.12	22.5	0.0
50	PI/2 BPSK	1	135	21.17	21.19	21.16		
50	PI/2 BPSK	1	268	21.13	21.26	21.09		
50	PI/2 BPSK	135	0	21.12	21.19	21.18	22.5	0.0
50	PI/2 BPSK	135	68	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	135	135	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	270	0	21.24	21.30	21.09		
50	QPSK	1	1	21.35	21.39	21.33	22.5	0.0
50	QPSK	1	135	21.22	21.35	21.21		
50	QPSK	1	268	21.23	21.28	21.19		
50	QPSK	135	0	21.15	21.18	21.13	22.5	0.0
50	QPSK	135	68	21.26	21.32	21.23	22.5	0.0
50	QPSK	135	135	21.18	21.20	21.09	22.5	0.0
50	QPSK	270	0	21.18	21.19	21.08		
50	16QAM	1	1	21.24	21.24	21.11	22.5	0.0
50	64QAM	1	1	21.22	21.19	21.17	22.5	0.0
50	256QAM	1	1	19.74	19.76	19.63	21.0	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.20	21.29	21.25	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.32	21.25	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.29	21.27	21.26	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.28	21.32	21.22	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.26	21.37	21.23	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.30	21.32	21.27	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.29	21.36	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	16.14	16.29	16.19	18.0	0.0
40	Pi/2 BPSK	1	108	16.09	16.34	16.20		
40	Pi/2 BPSK	1	214	16.10	16.32	16.23		
40	Pi/2 BPSK	108	0	16.07	16.35	16.22	18.0	0.0
40	Pi/2 BPSK	108	54	16.09	16.32	16.19	18.0	0.0
40	Pi/2 BPSK	108	108	16.10	16.36	16.15	18.0	0.0
40	Pi/2 BPSK	216	0	16.19	16.35	16.21		
40	QPSK	1	1	16.27	16.41	16.40	18.0	0.0
40	QPSK	1	108	16.22	16.36	16.27		
40	QPSK	1	214	16.20	16.35	16.31		
40	QPSK	108	0	16.11	16.24	16.24	18.0	0.0
40	QPSK	108	54	16.20	16.38	16.30	18.0	0.0
40	QPSK	108	108	16.09	16.29	16.28	18.0	0.0
40	QPSK	216	0	16.08	16.37	16.24		
40	16QAM	1	1	16.11	16.32	16.20	18.0	0.0
40	64QAM	1	1	16.17	16.37	16.16	18.0	0.0
40	256QAM	1	1	16.13	16.34	16.17	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.12	16.33	16.32	18.0	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.14	16.32	16.27	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.19	16.32	16.27	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.17	16.33	16.30	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.12	16.27	16.29	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.20	16.30	16.36	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	16.39	16.48	16.35	18.0	0.0
40	Pi/2 BPSK	1	108	16.42	16.47	16.39		
40	Pi/2 BPSK	1	214	16.44	16.38	16.44		
40	Pi/2 BPSK	108	0	16.37	16.36	16.36	18.0	0.0
40	Pi/2 BPSK	108	54	16.35	16.47	16.34	18.0	0.0
40	Pi/2 BPSK	108	108	16.36	16.43	16.38	18.0	0.0
40	Pi/2 BPSK	216	0	16.33	16.43	16.37		
40	QPSK	1	1	16.52	16.64	16.49	18.0	0.0
40	QPSK	1	108	16.38	16.62	16.45		
40	QPSK	1	214	16.39	16.53	16.35		
40	QPSK	108	0	16.40	16.48	16.44	18.0	0.0
40	QPSK	108	54	16.45	16.51	16.47	18.0	0.0
40	QPSK	108	108	16.40	16.39	16.41	18.0	0.0
40	QPSK	216	0	16.37	16.46	16.42		
40	16QAM	1	1	16.37	16.41	16.41	18.0	0.0
40	64QAM	1	1	16.32	16.48	16.42	18.0	0.0
40	256QAM	1	1	16.39	16.40	16.41	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.40	16.50	16.38	18.0	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.44	16.50	16.38	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.40	16.55	16.46	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.40	16.61	16.40	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.42	16.54	16.40	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.38	16.60	16.47	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	18.57	18.84	18.74	20.5	0.0
40	Pi/2 BPSK	1	108	18.59	18.84	18.60		
40	Pi/2 BPSK	1	214	18.51	18.76	18.64		
40	Pi/2 BPSK	108	0	18.53	18.74	18.63	20.5	0.0
40	Pi/2 BPSK	108	54	18.56	18.70	18.66	20.5	0.0
40	Pi/2 BPSK	108	108	18.58	18.84	18.64	20.5	0.0
40	Pi/2 BPSK	216	0	18.61	18.72	18.74		
40	QPSK	1	1	18.70	18.95	18.89	20.5	0.0
40	QPSK	1	108	18.58	18.83	18.80		
40	QPSK	1	214	18.66	18.86	18.79		
40	QPSK	108	0	18.51	18.83	18.66	20.5	0.0
40	QPSK	108	54	18.66	18.85	18.75	20.5	0.0
40	QPSK	108	108	18.58	18.79	18.71	20.5	0.0
40	QPSK	216	0	18.62	18.83	18.70		
40	16QAM	1	1	18.64	18.84	18.62	20.5	0.0
40	64QAM	1	1	18.58	18.72	18.69	20.5	0.0
40	256QAM	1	1	17.06	17.33	17.11	19.0	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.65	18.87	18.79	20.5	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.67	18.84	18.77	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.66	18.84	18.83	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.63	18.91	18.81	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.64	18.93	18.87	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.61	18.89	18.76	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.09	23.20	23.18	24.5	0.0
40	Pi/2 BPSK	1	108	23.21	23.41	23.21		
40	Pi/2 BPSK	1	214	23.14	23.26	23.12		
40	Pi/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	Pi/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	Pi/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	Pi/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34	24.5	0.0
40	QPSK	1	108	23.22	23.39	23.24		
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.70	22.68		
40	16QAM	1	1	22.69	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.22	16.36	16.30		
40	PI/2 BPSK	1	53	16.13	16.28	16.29	18.0	0.0
40	PI/2 BPSK	1	104	16.18	16.27	16.19		
40	PI/2 BPSK	50	0	16.23	16.36	16.17	18.0	0.0
40	PI/2 BPSK	50	28	16.20	16.36	16.22	18.0	0.0
40	PI/2 BPSK	50	56	16.22	16.40	16.26	18.0	0.0
40	PI/2 BPSK	100	0	16.14	16.40	16.16		
40	QPSK	1	1	16.40	16.48	16.35		
40	QPSK	1	53	16.38	16.43	16.34	18.0	0.0
40	QPSK	1	104	16.25	16.42	16.30		
40	QPSK	50	0	16.18	16.35	16.24		
40	QPSK	50	28	16.28	16.42	16.31	18.0	0.0
40	QPSK	50	56	16.19	16.36	16.24		
40	QPSK	100	0	16.26	16.39	16.20	18.0	0.0
40	16QAM	1	1	16.25	16.27	16.19	18.0	0.0
40	64QAM	1	1	16.24	16.31	16.16	18.0	0.0
40	256QAM	1	1	16.18	16.41	16.18	18.0	0.0
Channel				517702	518000	518298	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.09	16.32	16.12	18.0	0.0
Channel				516504	516990	517498	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	16.04	16.34	16.12	18.0	0.0
Channel				516000	516990	520000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.01	16.32	16.09	18.0	0.0
Channel				515502	516990	520498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.01	16.38	16.14	18.0	0.0
Channel				515004	516990	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.08	16.36	16.10	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.28	16.40	16.27		
40	PI/2 BPSK	1	53	16.29	16.36	16.17	17.7	0.0
40	PI/2 BPSK	1	104	16.33	16.45	16.23		
40	PI/2 BPSK	50	0	16.31	16.43	16.20	17.7	0.0
40	PI/2 BPSK	50	28	16.37	16.42	16.19	17.7	0.0
40	PI/2 BPSK	50	56	16.33	16.43	16.21	17.7	0.0
40	PI/2 BPSK	100	0	16.31	16.40	16.25		
40	QPSK	1	1	16.48	16.57	16.42		
40	QPSK	1	53	16.37	16.42	16.28	17.7	0.0
40	QPSK	1	104	16.41	16.52	16.28		
40	QPSK	50	0	16.36	16.46	16.29		
40	QPSK	50	28	16.40	16.46	16.31	17.7	0.0
40	QPSK	50	56	16.36	16.41	16.21		
40	QPSK	100	0	16.31	16.43	16.21	17.7	0.0
40	16QAM	1	1	16.30	16.35	16.21	17.7	0.0
40	64QAM	1	1	16.31	16.41	16.22	17.7	0.0
40	256QAM	1	1	16.34	16.37	16.26	17.7	0.0
Channel				517702	518000	518298	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.42	16.47	16.35	17.7	0.0
Channel				516504	516990	517498	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	16.37	16.45	16.40	17.7	0.0
Channel				516000	516990	520000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.43	16.55	16.27	17.7	0.0
Channel				515502	516990	520498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.42	16.56	16.33	17.7	0.0
Channel				515004	516990	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.44	16.55	16.41	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.59	16.61		
40	PI/2 BPSK	1	53	16.62	16.55	16.61	18.5	0.0
40	PI/2 BPSK	1	104	16.63	16.64	16.60		
40	PI/2 BPSK	50	0	16.51	16.61	16.55	18.5	0.0
40	PI/2 BPSK	50	28	16.57	16.58	16.51	18.5	0.0
40	PI/2 BPSK	50	56	16.61	16.62	16.54	18.5	0.0
40	PI/2 BPSK	100	0	16.50	16.65	16.53		
40	QPSK	1	1	16.66	16.76	16.72		
40	QPSK	1	53	16.64	16.64	16.65	18.5	0.0
40	QPSK	1	104	16.52	16.66	16.63		
40	QPSK	50	0	16.63	16.67	16.54		
40	QPSK	50	28	16.65	16.69	16.62	18.5	0.0
40	QPSK	50	56	16.62	16.57	16.61		
40	QPSK	100	0	16.57	16.58	16.53	18.5	0.0
40	16QAM	1	1	16.64	16.61	16.60	18.5	0.0
40	64QAM	1	1	16.51	16.58	16.54	18.5	0.0
40	256QAM	1	1	16.52	16.57	16.52	18.5	0.0
Channel				517702	518000	518298	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.51	16.70	16.60	18.5	0.0
Channel				516504	516990	517498	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	16.55	16.59	16.69	18.5	0.0
Channel				516000	516990	520000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.52	16.69	16.68	18.5	0.0
Channel				515502	516990	520498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.51	16.66	16.66	18.5	0.0
Channel				515004	516990	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.64	16.61	16.68	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.56	18.60	18.38		
40	PI/2 BPSK	1	53	18.59	18.68	18.46	19.7	0.0
40	PI/2 BPSK	1	104	18.60	18.65	18.48		
40	PI/2 BPSK	50	0	18.64	18.59	18.49	19.7	0.0
40	PI/2 BPSK	50	28	18.58	18.66	18.41	19.7	0.0
40	PI/2 BPSK	50	56	18.51	18.71	18.42	19.7	0.0
40	PI/2 BPSK	100	0	18.58	18.64	18.48		
40	QPSK	1	1	18.80	18.88	18.71		
40	QPSK	1	53	18.78	18.74	18.62	19.7	0.0
40	QPSK	1	104	18.73	18.86	18.70		
40	QPSK	50	0	18.54	18.77	18.53		
40	QPSK	50	28	18.68	18.85	18.63	19.7	0.0
40	QPSK	50	56	18.60	18.73	18.54		
40	QPSK	100	0	18.66	18.74	18.53	19.7	0.0
40	16QAM	1	1	18.57	18.64	18.48	19.7	0.0
40	64QAM	1	1	18.57	18.81	18.58	19.7	0.0
40	256QAM	1	1	18.60	18.72	18.62	19.7	0.0
Channel				517702	518000	518298	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	18.66	18.86	18.70	19.7	0.0
Channel				516504	516990	517498	Tune-up limit	MPR
Frequency (MHz)				2582.52	2595	2607.48	(dBm)	(dB)
25	QPSK	1	1	18.74	18.67	18.61	19.7	0.0
Channel				516000	516990	520000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	18.73	18.82	18.64	19.7	0.0
Channel				515502	516990	520498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	18.70	18.79	18.66	19.7	0.0
Channel				515004	516990	520996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	18.78	18.86	18.70	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.26	16.38	16.20		
100	PI/2 BPSK	1	137	16.23	16.39	16.17	18.0	0.0
100	PI/2 BPSK	1	271	16.36	16.43	16.25		
100	PI/2 BPSK	135	0	16.34	16.32	16.27	18.0	0.0
100	PI/2 BPSK	135	69	16.28	16.31	16.28	18.0	0.0
100	PI/2 BPSK	135	138	16.31	16.30	16.17	18.0	0.0
100	PI/2 BPSK	270	0	16.22	16.39	16.26		
100	QPSK	1	1	16.49	16.49	16.41		
100	QPSK	1	137	16.37	16.38	16.30	18.0	0.0
100	QPSK	1	271	16.44	16.45	16.26		
100	QPSK	135	0	16.29	16.34	16.28		
100	QPSK	135	69	16.37	16.44	16.32	18.0	0.0
100	QPSK	135	138	16.35	16.29	16.26		
100	QPSK	270	0	16.32	16.43	16.19	18.0	0.0
100	16QAM	1	1	16.23	16.33	16.22	18.0	0.0
100	64QAM	1	1	16.27	16.41	16.23	18.0	0.0
100	256QAM	1	1	16.36	16.36	16.28	18.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.44	16.45	16.40	18.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2493.5	2592.99	2692.48	(dBm)	(dB)
15	QPSK	1	1	16.49	16.49	16.41	18.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.49	16.49	16.41	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.44	16.41	16.23		
100	PI/2 BPSK	1	137	16.46	16.51	16.23	17.7	0.0
100	PI/2 BPSK	1	271	16.39	16.44	16.26		
100	PI/2 BPSK	135	0	16.38	16.43	16.26	17.7	0.0
100	PI/2 BPSK	135	69	16.36	16.42	16.31	17.7	0.0
100	PI/2 BPSK	135	138	16.46	16.44	16.32	17.7	0.0
100	PI/2 BPSK	270	0	16.39	16.50	16.27		
100	QPSK	1	1	16.48	16.61	16.38		
100	QPSK	1	137	16.47	16.48	16.37	17.7	0.0
100	QPSK	1	271	16.41	16.58	16.25		
100	QPSK	135	0	16.41	16.49	16.22		
100	QPSK	135	69	16.47	16.55	16.37	17.7	0.0
100	QPSK	135	138	16.46	16.53	16.35		
100	QPSK	270	0	16.44	16.53	16.24	17.7	0.0
100	16QAM	1	1	16.36	16.53	16.35	17.7	0.0
100	64QAM	1	1	16.36	16.54	16.35	17.7	0.0
100	256QAM	1	1	16.32	16.55	16.34	17.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	16.28	16.41	16.15	17.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.22	16.37	16.14	17.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.20	16.33	16.10	17.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.33	16.35	16.18	17.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.28	16.40	16.17	17.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.23	16.41	16.13	17.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.20	16.36	16.11	17.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.23	16.41	16.19	17.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2493.5	2592.99	2692.48	(dBm)	(dB)
15	QPSK	1	1	16.23	16.38	16.17	17.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.25	16.42	16.21	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.56	16.73	16.61		
100	PI/2 BPSK	1	137	16.59	16.71	16.58	18.5	0.0
100	PI/2 BPSK	1	271	16.50	16.70	16.57		
100	PI/2 BPSK	135	0	16.59	16.62	16.59	18.5	0.0
100	PI/2 BPSK	135	69	16.53	16.76	16.64	18.5	0.0
100	PI/2 BPSK	135	138	16.52	16.74	16.56	18.5	0.0
100	PI/2 BPSK	270	0	16.61	16.74	16.63		
100	QPSK	1	1	16.76	16.78	16.77		
100	QPSK	1	137	16.70	16.66	16.76	18.5	0.0
100	QPSK	1	271	16.71	16.69	16.74		
100	QPSK	135	0	16.55	16.67	16.66		
100	QPSK	135	69	16.64	16.72	16.68	18.5	0.0
100	QPSK	135	138	16.61	16.67	16.60		
100	QPSK	270	0	16.54	16.73	16.65	18.5	0.0
100	16QAM	1	271	16.64	16.68	16.67	18.5	0.0
100	64QAM	1	271	16.55	16.69	16.55	18.5	0.0
100	256QAM	1	271	16.55	16.68	16.60	18.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	16.71	16.74	16.69	18.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.72	16.77	16.69	18.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.71	16.75	16.65	18.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.63	16.66	16.76	18.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.66	16.72	16.73	18.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.73	16.75	16.64	18.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.69	16.74	16.62	18.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.67	16.76	16.62	18.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2493.5	2592.99	2692.48	(dBm)	(dB)
15	QPSK	1	1	16.72	16.73	16.70	18.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.71	16.65	16.64	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.59	18.71	18.69		
100	PI/2 BPSK	1	137	18.56	18.73	18.61	19.7	0.0
100	PI/2 BPSK	1	271	18.57	18.72	18.70		
100	PI/2 BPSK	135	0	18.59	18.75	18.56	19.7	0.0
100	PI/2 BPSK	135	69	18.65	18.73	18.63	19.7	0.0
100	PI/2 BPSK	135	138	18.62	18.74	18.59	19.7	0.0
100	PI/2 BPSK	270	0	18.65	18.69	18.67		
100	QPSK	1	1	18.74	18.69	18.74		
100	QPSK	1	137	18.69	18.75	18.64	19.7	0.0
100	QPSK	1	271	18.64	18.77	18.67		
100	QPSK	135	0	18.54	18.71	18.58		
100	QPSK	135	69	18.68	18.70	18.71	19.7	0.0
100	QPSK	135	138	18.66	18.76	18.59		
100	QPSK	270	0	18.62	18.70	18.67	19.7	0.0
100	16QAM	1	271	18.60	18.65	18.68	19.7	0.0
100	64QAM	1	271	18.63	18.66	18.59	19.7	0.0
100	256QAM	1	271	18.58	18.77	18.63	19.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.65	18.87	18.60	19.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.72	18.79	18.67	19.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.70	18.79	18.65	19.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.73	18.85	18.61	19.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.62	18.78	18.67	19.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.69	18.87	18.69	19.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.61	18.75	18.71	19.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.68	18.82	18.64	19.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2493.5	2592.99	2692.48	(dBm)	(dB)
15	QPSK	1	1	18.60	18.77	18.70	19.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	18.68	18.82	18.68	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.55		22.0	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.58			
100	PI/2 BPSK	135	0		20.58		22.0	0.0
100	PI/2 BPSK	135	69		20.61		22.0	0.0
100	PI/2 BPSK	135	138		20.39		22.0	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.56			
100	QPSK	1	137		20.74		22.0	0.0
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.58			
100	QPSK	135	69		20.70		22.0	0.0
100	QPSK	135	138		20.64			
100	QPSK	270	0		20.66		22.0	0.0
100	16QAM	1	1		20.48		22.0	0.0
100	64QAM	1	1		20.46		22.0	0.0
100	256QAM	1	1		19.37		21.0	1.0
Channel				632000	633332	632668	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.69	20.66	20.61	22.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.52	20.64	20.49	22.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.65	20.65	20.48	22.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3485	3499.98	3514.98	(dBm)	(dB)
60	QPSK	1	1	20.55	20.58	20.51	22.0	0.0
Channel				631668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.54	20.57	20.58	22.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.56	20.65	20.47	22.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.61	20.57	20.53	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.57	20.53	20.60	22.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.65	20.64	20.50	22.0	0.0
Channel				630000	633332	636668	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.64	20.54	20.47	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.64	20.62	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.30	21.19	21.45	22.5	0.0
100	PI/2 BPSK	1	137	21.10	21.11	21.38		
100	PI/2 BPSK	1	271	21.26	21.05	21.38		
100	PI/2 BPSK	135	0	21.17	21.11	21.44	22.5	0.0
100	PI/2 BPSK	135	69	21.21	21.00	21.41	22.5	0.0
100	PI/2 BPSK	135	138	21.26	21.05	21.37	22.5	0.0
100	PI/2 BPSK	270	0	21.11	21.01	21.46		
100	QPSK	1	1	21.34	21.17	21.39		
100	QPSK	1	137	21.40	21.30	21.51	22.5	0.0
100	QPSK	1	271	21.38	21.22	21.44		
100	QPSK	135	0	21.12	21.17	21.40		
100	QPSK	135	69	21.30	21.21	21.45	22.5	0.0
100	QPSK	135	138	21.20	21.14	21.40		
100	QPSK	270	0	21.30	21.16	21.42	22.5	0.0
100	16QAM	1	1	21.13	21.03	21.31	22.5	0.0
100	64QAM	1	1	21.26	21.12	21.44	22.5	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.33	21.15	21.36	22.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.26	21.18	21.40	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.21	21.18	21.42	22.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.26	21.14	21.32	22.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.26	21.14	21.41	22.5	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.25	21.17	21.39	22.5	0.0
Channel				647332	650332	654332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3839.98	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.32	21.14	21.31	22.5	0.0
Channel				647000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.23	21.22	21.42	22.5	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.29	21.24	21.42	22.5	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.31	21.18	21.39	22.5	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.30	21.12	21.34	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.43		19.0	0.0
100	PI/2 BPSK	1	137		17.46			
100	PI/2 BPSK	1	271		17.38			
100	PI/2 BPSK	135	0		17.43		19.0	0.0
100	PI/2 BPSK	135	69		17.44		19.0	0.0
100	PI/2 BPSK	135	138		17.33		19.0	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.41			
100	QPSK	1	137		17.61		19.0	0.0
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.42			
100	QPSK	135	69		17.47		19.0	0.0
100	QPSK	135	138		17.44			
100	QPSK	270	0		17.36		19.0	0.0
100	16QAM	1	1		17.34		19.0	0.0
100	64QAM	1	1		17.40		19.0	0.0
100	256QAM	1	1		17.40		19.0	0.0
Channel				632000	633332	632668	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.32	17.41	17.44	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.27	17.32	17.40	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.40	17.35	17.38	19.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3485	3499.98	3514.98	(dBm)	(dB)
60	QPSK	1	1	17.41	17.34	17.45	19.0	0.0
Channel				631668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.32	17.38	17.42	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.42	17.38	17.38	19.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.40	17.35	17.37	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.35	17.39	17.44	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.42	17.38	17.44	19.0	0.0
Channel				630000	633332	636668	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.39	17.36	17.35	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.42	17.40	17.43	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.28	18.12	18.38	19.5	0.0
100	PI/2 BPSK	1	137	18.14	18.08	18.36		
100	PI/2 BPSK	1	271	18.20	18.06	18.36		
100	PI/2 BPSK	135	0	18.16	18.06	18.36	19.5	0.0
100	PI/2 BPSK	135	69	18.23	18.02	18.36	19.5	0.0
100	PI/2 BPSK	135	138	18.17	18.04	18.35	19.5	0.0
100	PI/2 BPSK	270	0	18.16	18.01	18.37		
100	QPSK	1	1	18.35	18.19	18.40		
100	QPSK	1	137	18.42	18.20	18.48	19.5	0.0
100	QPSK	1	271	18.32	18.16	18.44		
100	QPSK	135	0	18.15	18.11	18.45		
100	QPSK	135	69	18.29	18.16	18.46	19.5	0.0
100	QPSK	135	138	18.21	18.13	18.45		
100	QPSK	270	0	18.17	18.02	18.40	19.5	0.0
100	16QAM	1	1	18.14	18.03	18.32	19.5	0.0
100	64QAM	1	1	18.24	18.12	18.40	19.5	0.0
100	256QAM	1	1	18.06	17.93	18.32	19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.14	18.05	18.39	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.18	18.03	18.40	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.24	18.14	18.42	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.14	18.08	18.41	19.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.26	18.09	18.42	19.5	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.16	18.03	18.35	19.5	0.0
Channel				647332	650000	654332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.21	18.15	18.33	19.5	0.0
Channel				647000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.18	18.04	18.41	19.5	0.0
Channel				647334	650000	654666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.20	18.14	18.42	19.5	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.18	18.15	18.36	19.5	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.20	18.11	18.42	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.85		22.5	0.0
100	PI/2 BPSK	1	137		21.66			
100	PI/2 BPSK	1	271		21.63			
100	PI/2 BPSK	135	0		21.69		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.72		22.5	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.80		22.5	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		21.85			
100	QPSK	135	0		21.88		22.5	0.0
100	QPSK	135	69		21.95			
100	QPSK	135	138		21.72			
100	QPSK	270	0		21.90		22.5	0.0
100	16QAM	1	1		21.69		22.5	0.0
100	64QAM	1	1		21.78		22.5	0.0
100	256QAM	1	1		21.14		21.5	1.0
Channel				633332	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.80	21.88	21.84	22.5	0.0
Channel				633668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.02	3466.98	3500	(dBm)	(dB)
80	QPSK	1	1	21.70	21.74	21.78	22.5	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3484.98	(dBm)	(dB)
70	QPSK	1	1	21.71	21.73	21.73	22.5	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3518.99	(dBm)	(dB)
60	QPSK	1	1	21.65	21.75	21.74	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.73	21.71	21.73	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3475.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.71	21.81	21.71	22.5	0.0
Channel				631000	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.66	21.72	21.74	22.5	0.0
Channel				630334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.61	21.77	21.65	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3452.52	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.68	21.75	21.72	22.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.65	21.77	21.76	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.60	21.72	21.65	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650200		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.98	21.96	21.90	22.5	0.0
100	PI/2 BPSK	1	137	21.80	21.97	21.92		
100	PI/2 BPSK	1	271	22.00	22.07	21.86		
100	PI/2 BPSK	135	0	21.80	21.91	21.94	22.5	0.0
100	PI/2 BPSK	135	69	21.62	21.94	21.94	22.5	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.96	22.5	0.0
100	PI/2 BPSK	270	0	21.86	22.08	21.92		
100	QPSK	1	1	22.08	22.05	22.01	22.5	0.0
100	QPSK	1	137	22.08	22.17	22.12		
100	QPSK	1	271	22.06	22.11	21.97		
100	QPSK	135	0	21.79	21.95	21.94	22.5	0.0
100	QPSK	135	69	21.92	22.14	21.98		
100	QPSK	135	138	21.86	21.96	21.80		
100	QPSK	270	0	21.90	22.10	22.05	22.5	0.0
100	16QAM	1	1	21.86	21.95	22.14	22.5	0.0
100	64QAM	1	1	22.03	22.07	21.94	22.5	0.0
100	256QAM	1	1	21.03	21.05	21.00	21.5	1.0
Channel				649998	650000	650002	Tune-up limit	MPR
Frequency (MHz)				3749.99	3840	3930.01	(dBm)	(dB)
90	QPSK	1	1	21.97	22.06	21.98	22.5	0.0
Channel				649998	650000	650002	Tune-up limit	MPR
Frequency (MHz)				3749.99	3840	3930.01	(dBm)	(dB)
80	QPSK	1	1	22.01	21.98	22.03	22.5	0.0
Channel				649666	650000	650000	Tune-up limit	MPR
Frequency (MHz)				3733	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.93	22.07	22.06	22.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3733.02	3840	3946.98	(dBm)	(dB)
60	QPSK	1	1	22.01	22.06	21.97	22.5	0.0
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.02	22.03	22.02	22.5	0.0
Channel				648000	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.93	22.08	21.93	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.99	22.11	22.06	22.5	0.0
Channel				647666	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.95	22.07	22.02	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.94	21.97	22.03	22.5	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.92	22.09	21.92	22.5	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.96	22.07	22.03	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		18.96		19.5	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.82			
100	PI/2 BPSK	135	0		18.88		19.5	0.0
100	PI/2 BPSK	135	69		18.84		19.5	0.0
100	PI/2 BPSK	135	138		18.92		19.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.99		19.5	0.0
100	QPSK	1	137		19.05			
100	QPSK	1	271		19.00			
100	QPSK	135	0		19.00		19.5	0.0
100	QPSK	135	69		19.01			
100	QPSK	135	138		18.92			
100	QPSK	270	0		19.00		19.5	0.0
100	16QAM	1	1		18.77		19.5	0.0
100	64QAM	1	1		18.92		19.5	0.0
100	256QAM	1	1		19.04		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.98	18.98	18.89	19.5	0.0
Channel				633668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.02	3466.98	3500	(dBm)	(dB)
80	QPSK	1	1	18.97	18.99	18.83	19.5	0.0
Channel				634334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3466.98	3484.98	(dBm)	(dB)
70	QPSK	1	1	18.95	19.03	18.94	19.5	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3518.99	(dBm)	(dB)
60	QPSK	1	1	18.91	18.95	18.91	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.92	19.01	18.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3475.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.91	18.99	18.94	19.5	0.0
Channel				631000	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.92	18.97	18.88	19.5	0.0
Channel				630334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.91	19.01	18.90	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.94	19.00	18.85	19.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.94	18.97	18.92	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.96	18.96	18.88	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650200		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	18.95	18.94	19.5	0.0
100	PI/2 BPSK	1	137	18.81	19.03	18.91		
100	PI/2 BPSK	1	271	18.96	19.13	18.94		
100	PI/2 BPSK	135	0	18.89	18.89	18.93	19.5	0.0
100	PI/2 BPSK	135	69	18.89	19.01	18.97	19.5	0.0
100	PI/2 BPSK	135	138	18.88	18.97	18.94	19.5	0.0
100	PI/2 BPSK	270	0	18.90	19.14	18.91		
100	QPSK	1	1	19.05	19.08	19.10	19.5	0.0
100	QPSK	1	137	19.11	19.21	19.15		
100	QPSK	1	271	19.04	19.12	18.99		
100	QPSK	135	0	18.88	19.01	19.03	19.5	0.0
100	QPSK	135	69	18.98	19.10	19.08		
100	QPSK	135	138	18.92	19.00	18.90		
100	QPSK	270	0	18.89	19.05	19.03	19.5	0.0
100	16QAM	1	1	18.87	18.94	19.10	19.5	0.0
100	64QAM	1	1	19.03	19.15	19.02	19.5	0.0
100	256QAM	1	1	19.09	19.10	19.01	19.5	0.0
Channel				649998	650000	650202	Tune-up limit	MPR
Frequency (MHz)				3749.99	3840	3930.01	(dBm)	(dB)
90	QPSK	1	1	19.05	19.15	19.06	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3760.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.00	19.12	19.09	19.5	0.0
Channel				649000	650000	650000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.00	19.12	19.12	19.5	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3733.02	3840	3946.98	(dBm)	(dB)
60	QPSK	1	1	19.00	19.15	19.10	19.5	0.0
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.09	19.15	19.11	19.5	0.0
Channel				648000	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.06	19.12	19.13	19.5	0.0
Channel				647668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.00	19.11	19.10	19.5	0.0
Channel				647666	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.02	19.19	19.06	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.08	19.15	19.09	19.5	0.0
Channel				647168	650000	654832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.01	19.16	19.10	19.5	0.0
Channel				647000	650000	655000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.09	19.16	19.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.57		22.0	0.0
100	PI/2 BPSK	1	137		20.57			
100	PI/2 BPSK	1	271		20.49			
100	PI/2 BPSK	135	0		20.48		22.0	0.0
100	PI/2 BPSK	135	69		20.50		22.0	0.0
100	PI/2 BPSK	135	138		20.47		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.82		22.0	0.0
100	QPSK	1	137		20.81			
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.53		22.0	0.0
100	QPSK	135	69		20.78			
100	QPSK	135	138		20.47			
100	QPSK	270	0		20.73		22.0	0.0
100	16QAM	1	1		20.41		22.0	0.0
100	64QAM	1	1		20.75		22.0	0.0
100	256QAM	1	1		20.68		21.0	1.0
Channel				632000	633332	632666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.74	20.61	20.65	22.0	0.0
Channel				632998	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.67	20.52	20.46	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3489.98	3914.98		
70	QPSK	1	1	20.59	20.53	20.52	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3489.98	3519.98		
60	QPSK	1	1	20.60	20.51	20.45	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3489.98	3525		
50	QPSK	1	1	20.68	20.45	20.46	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3489.98	3529.98		
40	QPSK	1	1	20.61	20.43	20.55	22.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3489.98	3534.98		
30	QPSK	1	1	20.62	20.45	20.46	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3489.98	3537.48		
25	QPSK	1	1	20.64	20.47	20.53	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3489.98	3540		
20	QPSK	1	1	20.56	20.47	20.56	22.0	0.0
Channel				630666	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				34573	3489.98	3542.49		
15	QPSK	1	1	20.64	20.41	20.46	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.01	3489.98	3544.98		
10	QPSK	1	1	20.62	20.42	20.47	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650300	650000		
Frequency (MHz)				3750	3840	3850		
100	PI/2 BPSK	1	1	20.93	21.25	21.17	23.0	0.0
100	PI/2 BPSK	1	137	20.91	21.27	21.08		
100	PI/2 BPSK	1	271	20.89	21.15	21.21		
100	PI/2 BPSK	135	0	21.04	21.28	21.09	23.0	0.0
100	PI/2 BPSK	135	69	20.86	20.95	21.11	23.0	0.0
100	PI/2 BPSK	135	138	21.03	21.25	21.16	23.0	0.0
100	PI/2 BPSK	270	0	20.89	21.05	21.22		
100	QPSK	1	1	20.93	21.14	21.28	23.0	0.0
100	QPSK	1	137	21.17	21.35	21.32		
100	QPSK	1	271	20.99	21.21	21.30		
100	QPSK	135	0	20.97	21.13	20.99		
100	QPSK	135	69	21.18	21.33	21.26	23.0	0.0
100	QPSK	135	138	21.07	21.25	21.23		
100	QPSK	270	0	21.12	21.30	21.23	23.0	0.0
100	16QAM	1	1	21.11	21.31	21.10	23.0	0.0
100	64QAM	1	1	20.91	21.12	21.10	23.0	0.0
100	256QAM	1	1	21.05	21.20	21.14	22.0	1.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.05	21.16	21.22	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.03	21.26	21.22	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3945		
70	QPSK	1	1	21.00	21.18	21.24	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.02	3840	3949.98		
60	QPSK	1	1	21.11	21.17	21.12	23.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.01	3840	3954.99		
50	QPSK	1	1	20.98	21.26	21.17	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.05	21.28	21.21	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.11	21.25	21.23	23.0	0.0
Channel				647332	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.02	21.15	21.19	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.08	21.16	21.12	23.0	0.0
Channel				647166	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.08	21.26	21.17	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.15	21.23	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	1		17.50		19.0	0.0
100	PI/2 BPSK	1	137		17.50			
100	PI/2 BPSK	1	271		17.43			
100	PI/2 BPSK	135	0		17.46		19.0	0.0
100	PI/2 BPSK	135	69		17.36		19.0	0.0
100	PI/2 BPSK	135	138		17.36		19.0	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.55		19.0	0.0
100	QPSK	1	137		17.70			
100	QPSK	1	271		17.61			
100	QPSK	135	0		17.43		19.0	0.0
100	QPSK	135	69		17.66			
100	QPSK	135	138		17.45			
100	QPSK	270	0		17.55		19.0	0.0
100	16QAM	1	1		17.36		19.0	0.0
100	64QAM	1	1		17.61		19.0	0.0
100	256QAM	1	1		17.61		19.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.06	18.16	18.18	19.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.10	18.04	18.07	19.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.11	18.06	18.05	19.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3445	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.11	18.11	18.11	19.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3425.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.16	18.05	18.05	19.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3405.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.13	18.15	18.05	19.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3385	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.08	18.15	18.10	19.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.13	18.06	18.04	19.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.06	18.16	18.06	19.0	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.15	18.12	18.09	19.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.18	18.15	18.11	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.08	18.43	18.33		
100	PI/2 BPSK	1	137	18.08	18.35	18.28	20.0	0.0
100	PI/2 BPSK	1	271	18.08	18.35	18.35		
100	PI/2 BPSK	135	0	18.21	18.35	18.29	20.0	0.0
100	PI/2 BPSK	135	69	18.07	18.13	18.31	20.0	0.0
100	PI/2 BPSK	135	138	18.10	18.34	18.27	20.0	0.0
100	PI/2 BPSK	270	0	18.08	18.20	18.28		
100	QPSK	1	1	18.03	18.23	18.40		
100	QPSK	1	137	18.23	18.45	18.43	20.0	0.0
100	QPSK	1	271	18.15	18.32	18.41		
100	QPSK	135	0	18.17	18.26	18.13		
100	QPSK	135	69	18.20	18.43	18.34	20.0	0.0
100	QPSK	135	138	18.19	18.41	18.33		
100	QPSK	270	0	18.09	18.31	18.17	20.0	0.0
100	16QAM	1	1	18.16	18.41	18.26	20.0	0.0
100	64QAM	1	1	18.10	18.26	18.27	20.0	0.0
100	256QAM	1	1	18.11	18.38	18.33	20.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.59	18.94	18.85	20.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.63	18.87	18.58	20.0	0.0
	Channel			649000	650000	650000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.58	18.92	18.60	20.0	0.0
	Channel			648668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.61	18.81	18.93	20.0	0.0
	Channel			648334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.56	18.91	18.90	20.0	0.0
	Channel			648000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.65	18.84	18.82	20.0	0.0
	Channel			647668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.54	18.82	18.84	20.0	0.0
	Channel			647332	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.62	18.88	18.79	20.0	0.0
	Channel			647334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.57	18.87	18.92	20.0	0.0
	Channel			647168	650000	651832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.58	18.88	18.89	20.0	0.0
	Channel			647000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.63	18.89	18.87	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	1		18.32		19.5	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.40			
100	PI/2 BPSK	135	0		18.37		19.5	0.0
100	PI/2 BPSK	135	69		18.31		19.5	0.0
100	PI/2 BPSK	135	138		18.39		19.5	0.0
100	PI/2 BPSK	270	0		18.30			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.37			
100	QPSK	135	138		18.34			
100	QPSK	270	0		18.35		19.5	0.0
100	16QAM	1	1		18.29		19.5	0.0
100	64QAM	1	1		18.34		19.5	0.0
100	256QAM	1	1		18.32		19.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.34	18.31	18.23	19.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.23	18.25	18.17	19.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.19	18.13	18.05	19.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3445	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.25	18.24	18.05	19.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3425.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.23	18.20	18.15	19.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3405.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.19	18.23	18.10	19.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3385	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.15	18.15	18.16	19.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.24	18.23	18.12	19.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.23	18.24	18.08	19.5	0.0
	Channel			630000	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.22	18.11	18.08	19.5	0.0
	Channel			629334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.17	18.23	18.17	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000	650000	650000	
	Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.54	18.41	18.58		
100	PI/2 BPSK	1	137	18.70	18.36	18.57	20.0	0.0
100	PI/2 BPSK	1	271	18.53	18.32	18.61		
100	PI/2 BPSK	135	0	18.59	18.41	18.59	20.0	0.0
100	PI/2 BPSK	135	69	18.44	18.45	18.67	20.0	0.0
100	PI/2 BPSK	135	138	18.46	18.43	18.55	20.0	0.0
100	PI/2 BPSK	270	0	18.59	18.47	18.57		
100	QPSK	1	1	18.61	18.69	18.66		
100	QPSK	1	137	18.69	18.78	18.71	20.0	0.0
100	QPSK	1	271	18.56	18.55	18.69		
100	QPSK	135	0	18.55	18.59	18.64		
100	QPSK	135	69	18.66	18.74	18.71	20.0	0.0
100	QPSK	135	138	18.60	18.64	18.59		
100	QPSK	270	0	18.62	18.70	18.59	20.0	0.0
100	16QAM	1	1	18.67	18.39	18.67	20.0	0.0
100	64QAM	1	1	18.51	18.45	18.57	20.0	0.0
100	256QAM	1	1	18.53	18.35	18.48	20.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.60	18.63	18.58	20.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.61	18.58	18.63	20.0	0.0
	Channel			649000	650000	650000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.57	18.70	18.51	20.0	0.0
	Channel			648668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.60	18.71	18.52	20.0	0.0
	Channel			648334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.57	18.70	18.64	20.0	0.0
	Channel			648000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.62	18.63	18.52	20.0	0.0
	Channel			647668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.61	18.70	18.62	20.0	0.0
	Channel			647332	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.53	18.66	18.63	20.0	0.0
	Channel			647334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.61	18.59	18.56	20.0	0.0
	Channel			647168	650000	651832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.60	18.70	18.59	20.0	0.0
	Channel			647000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.49	18.67	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.28		16.5	0.0
100	PI/2 BPSK	1	137		15.30			
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.18		16.5	0.0
100	PI/2 BPSK	135	138		15.25		16.5	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.21		16.5	0.0
100	QPSK	1	137		15.34			
100	QPSK	1	271		15.19			
100	QPSK	135	0		15.20		16.5	0.0
100	QPSK	135	69		15.26			
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.26		16.5	0.0
100	16QAM	1	1		15.22		16.5	0.0
100	64QAM	1	1		15.25		16.5	0.0
100	256QAM	1	1		15.25		16.5	0.0
Channel				632000	633332	632666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3804.99		
90	QPSK	1	1	15.25	15.21	15.20	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	15.23	15.30	15.20	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.01	3499.98	3914.98		
70	QPSK	1	1	15.28	15.22	15.31	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3531.99		
60	QPSK	1	1	15.25	15.19	15.27	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.23	15.21	15.25	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.01	3499.98	3525.98		
40	QPSK	1	1	15.30	15.27	15.23	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
30	QPSK	1	1	15.20	15.25	15.23	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.19	15.28	15.32	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.52	3499.98	3540		
20	QPSK	1	1	15.23	15.29	15.20	16.5	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.28	15.25	15.21	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.29	15.20	15.32	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650300	650600		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.74	15.53	15.58	17.0	0.0
100	PI/2 BPSK	1	137	15.76	15.47	15.64		
100	PI/2 BPSK	1	271	15.71	15.46	15.70		
100	PI/2 BPSK	135	0	15.79	15.48	15.63	17.0	0.0
100	PI/2 BPSK	135	69	15.64	15.58	15.68	17.0	0.0
100	PI/2 BPSK	135	138	15.66	15.57	15.60	17.0	0.0
100	PI/2 BPSK	270	0	15.73	15.48	15.63		
100	QPSK	1	1	15.78	15.54	15.79	17.0	0.0
100	QPSK	1	137	15.82	15.80	15.86		
100	QPSK	1	271	15.68	15.54	15.75		
100	QPSK	135	0	15.71	15.54	15.64		
100	QPSK	135	69	15.72	15.73	15.79	17.0	0.0
100	QPSK	135	138	15.69	15.46	15.68		
100	QPSK	270	0	15.64	15.68	15.70	17.0	0.0
100	16QAM	1	1	15.74	15.45	15.71	17.0	0.0
100	64QAM	1	1	15.69	15.47	15.63	17.0	0.0
100	256QAM	1	1	15.66	15.46	15.58	17.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.69	15.84	15.69	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.79	15.77	15.72	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.68	15.83	15.76	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.71	15.85	15.71	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.80	15.84	15.75	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.70	15.85	15.69	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.78	15.78	15.66	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.74	15.82	15.66	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.69	15.74	15.78	17.0	0.0
Channel				647168	650000	654832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2207.52	3840	3972.48		
15	QPSK	1	1	15.67	15.84	15.77	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.69	15.85	15.75	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	0		20.96		22.5	0.0
100	PI/2 BPSK	1	137		20.91			
100	PI/2 BPSK	1	271		20.77			
100	PI/2 BPSK	135	0		20.87		22.5	0.0
100	PI/2 BPSK	135	69		20.88		22.5	0.0
100	PI/2 BPSK	135	138		20.84		22.5	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	0		20.96		22.5	0.0
100	QPSK	1	137		20.99			
100	QPSK	1	271		20.95			
100	QPSK	135	0		20.84		22.5	0.0
100	QPSK	135	69		20.95			
100	QPSK	135	138		20.87			
100	QPSK	270	0		20.92		22.5	0.0
100	16QAM	1	0		20.83		22.5	0.0
100	64QAM	1	0		20.84		22.5	0.0
100	256QAM	1	0		20.70		22.0	0.5
	Channel			633332	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3466	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	0	20.87	20.82	20.91	22.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	0	20.70	20.71	20.72	22.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	0	20.68	20.79	20.82	22.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	0	20.77	20.72	20.71	22.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	0	20.70	20.71	20.76	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	0	20.78	20.76	20.75	22.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	0	20.80	20.65	20.83	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	0	20.67	20.69	20.75	22.5	0.0
	Channel			630668	633332	636999	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	0	20.71	20.76	20.71	22.5	0.0
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	0	20.79	20.62	20.73	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	0	20.76	20.65	20.75	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	0		21.17		22.5	0.0
100	PI/2 BPSK	1	137		21.22			
100	PI/2 BPSK	1	271		21.19			
100	PI/2 BPSK	135	0		21.07		22.5	0.0
100	PI/2 BPSK	135	69		21.02		22.5	0.0
100	PI/2 BPSK	135	138		21.19		22.5	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	0		21.27		22.5	0.0
100	QPSK	1	137		21.34			
100	QPSK	1	271		21.34			
100	QPSK	135	0		21.11		22.5	0.0
100	QPSK	135	69		21.32			
100	QPSK	135	138		21.15			
100	QPSK	270	0		21.30		22.5	0.0
100	16QAM	1	0		21.08		22.5	0.0
100	64QAM	1	0		21.21		22.5	0.0
100	256QAM	1	0		21.19		22.0	0.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	0	21.20	21.25	21.25	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	0	21.06	21.07	21.07	22.5	0.0
	Channel			648666	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	0	21.03	21.14	21.14	22.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3735.02	3750	3764.98	(dBm)	(dB)
60	QPSK	1	0	21.02	21.14	21.18	22.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	0	21.06	21.09	21.11	22.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	0	21.01	21.11	21.09	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	0	21.06	21.16	21.19	22.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	0	21.01	21.16	21.06	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
20	QPSK	1	0	21.10	21.17	21.11	22.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	0	21.14	21.12	21.19	22.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	0	21.09	21.16	21.17	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	0		17.78		19.5	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	271		17.74			
100	PI/2 BPSK	135	0		17.74		19.5	0.0
100	PI/2 BPSK	135	69		17.77		19.5	0.0
100	PI/2 BPSK	135	138		17.81		19.5	0.0
100	PI/2 BPSK	270	0		17.77			
100	QPSK	1	0		17.82		19.5	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.83			
100	QPSK	135	0		17.74		19.5	0.0
100	QPSK	135	69		17.85			
100	QPSK	135	138		17.77			
100	QPSK	270	0		17.84		19.5	0.0
100	16QAM	1	0		17.76		19.5	0.0
100	64QAM	1	0		17.76		19.5	0.0
100	256QAM	1	0		17.58		19.5	0.0
	Channel			632000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3460	3466.98	3504.99	(dBm)	(dB)
90	QPSK	1	0	17.83	17.90	17.83	19.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3510	(dBm)	(dB)
80	QPSK	1	0	17.85	17.83	17.87	19.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3514.98	(dBm)	(dB)
70	QPSK	1	0	17.80	17.89	17.92	19.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460	3466.98	3519.99	(dBm)	(dB)
60	QPSK	1	0	17.86	17.94	17.92	19.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3466.98	3525	(dBm)	(dB)
50	QPSK	1	0	17.81	17.88	17.88	19.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.01	3466.98	3529.98	(dBm)	(dB)
40	QPSK	1	0	17.82	17.80	17.81	19.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3466.98	3534.99	(dBm)	(dB)
30	QPSK	1	0	17.94	17.92	17.82	19.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3466.98	3537.48	(dBm)	(dB)
25	QPSK	1	0	17.87	17.93	17.89	19.5	0.0
	Channel			630668	633332	636999	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3466.98	3540	(dBm)	(dB)
20	QPSK	1	0	17.92	17.82	17.90	19.5	0.0
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3466.98	3542.49	(dBm)	(dB)
15	QPSK	1	0	17.88	17.91	17.83	19.5	0.0
	Channel			629334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3466.98	3544.98	(dBm)	(dB)
10	QPSK	1	0	17.94	17.93	17.86	19.5	0.0

Part27O n78_PC3_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	0		18.17		19.5	0.0
100	PI/2 BPSK	1	137		18.19			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.15		19.5	0.0
100	PI/2 BPSK	135	69		18.08		19.5	0.0
100	PI/2 BPSK	135	138		18.19		19.5	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	0		18.28		19.5	0.0
100	QPSK	1	137		18.34			
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.12		19.5	0.0
100	QPSK	135	69		18.23			
100	QPSK	135	138		18.21			
100	QPSK	270	0		18.22		19.5	0.0
100	16QAM	1	0		18.18		19.5	0.0
100	64QAM	1	0		18.20		19.5	0.0
100	256QAM	1	0		18.15		19.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	0	18.25	18.22	18.29	19.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	0	18.33	18.20	18.24	19.5	0.0
	Channel			648666	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	0	18.23	18.20	18.24	19.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3735.02	3750	3764.98	(dBm)	(dB)
60	QPSK	1	0	18.31	18.22	18.33	19.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	0	18.25	18.28	18.29	19.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	0	18.28	18.27	18.21	19.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	0	18.20	18.25	18.30	19.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	0	18.20	18.27	18.30	19.5	0.0
	Channel			647004	650000	652996	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	0	18.20	18.19	18.24	19.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	0	18.25	18.26	18.27	19.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	0	18.30	18.31	18.22	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.94			
100	PI/2 BPSK	1	137		22.86		23.5	0.0
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		22.99		23.5	0.0
100	PI/2 BPSK	135	69		22.98		23.5	0.0
100	PI/2 BPSK	136	138		23.01		23.5	0.0
100	PI/2 BPSK	270	0		22.97			
100	QPSK	1	1		22.91			
100	QPSK	1	137		23.12		23.5	0.0
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.91			
100	QPSK	135	69		23.10		23.5	0.0
100	QPSK	135	138		22.91			
100	QPSK	270	0		23.08		23.5	0.0
100	16QAM	1	1		22.93		23.5	0.0
100	64QAM	1	1		22.99		23.5	0.0
100	256QAM	1	1		22.32		22.5	1.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	22.94	22.95	22.92	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.77	22.83	22.80	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.69	22.84	22.73	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
60	QPSK	1	1	22.77	22.78	22.73	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.84	22.88	22.82	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.75	22.84	22.86	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.81	22.89	22.73	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.84	22.89	22.72	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.85	22.84	22.74	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.76	22.86	22.81	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.80	22.88	22.73	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.20			
100	PI/2 BPSK	1	137		23.14		23.5	0.0
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		23.09		23.5	0.0
100	PI/2 BPSK	135	69		23.12		23.5	0.0
100	PI/2 BPSK	135	138		23.12		23.5	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.16			
100	QPSK	1	137		23.24		23.5	0.0
100	QPSK	1	271		23.15			
100	QPSK	135	0		23.22			
100	QPSK	135	69		23.22		23.5	0.0
100	QPSK	135	138		23.15			
100	QPSK	270	0		23.18		23.5	0.0
100	16QAM	1	1		22.97		23.5	0.0
100	64QAM	1	1		23.16		23.5	0.0
100	256QAM	1	1		22.50		22.5	1.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.12	23.10	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.80	22.82	22.96	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.87	23.02	23.03	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.97	22.94	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.94	22.96	23.02	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.91	22.96	22.91	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.95	22.98	22.92	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.88	23.01	23.04	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.91	22.92	22.90	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.94	23.04	22.93	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.94	23.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.82			
100	PI/2 BPSK	1	137		19.86		20.5	0.0
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.90		20.5	0.0
100	PI/2 BPSK	135	69		19.88		20.5	0.0
100	PI/2 BPSK	135	138		19.94		20.5	0.0
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		19.90			
100	QPSK	1	137		20.02		20.5	0.0
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.81			
100	QPSK	135	69		19.95		20.5	0.0
100	QPSK	135	138		19.83			
100	QPSK	270	0		19.87		20.5	0.0
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.84		20.5	0.0
100	256QAM	1	1		19.66		20.5	0.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	20.01	19.96	20.00	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.99	19.96	19.97	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.87	19.95	19.90	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
60	QPSK	1	1	19.90	19.87	19.96	20.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.96	19.95	19.88	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.97	19.99	19.90	20.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.99	19.89	20.01	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.98	19.98	19.93	20.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.01	19.91	19.88	20.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.99	20.01	19.94	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.90	19.99	19.94	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.17			
100	PI/2 BPSK	1	137		20.13		20.5	0.0
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.13		20.5	0.0
100	PI/2 BPSK	135	69		20.15		20.5	0.0
100	PI/2 BPSK	135	138		20.17		20.5	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.23			
100	QPSK	1	137		20.28		20.5	0.0
100	QPSK	1	271		20.14			
100	QPSK	135	0		20.19			
100	QPSK	135	69		20.21		20.5	0.0
100	QPSK	135	138		20.17			
100	QPSK	270	0		20.11		20.5	0.0
100	16QAM	1	1		20.07		20.5	0.0
100	64QAM	1	1		20.12		20.5	0.0
100	256QAM	1	1		20.00		20.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.22	20.26	20.19	20.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.15	20.20	20.26	20.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.14	20.13	20.27	20.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.21	20.13	20.26	20.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.14	20.24	20.21	20.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.14	20.24	20.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.26	20.25	20.16	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.22	20.15	20.13	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.16	20.25	20.18	20.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.20	20.20	20.18	20.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.25	20.25	20.18	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.57		22.0	0.0
100	PI/2 BPSK	1	137		20.56			
100	PI/2 BPSK	1	271		20.36			
100	PI/2 BPSK	135	0		20.52		22.0	0.0
100	PI/2 BPSK	135	69		20.48		22.0	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.0
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	1		20.55		22.0	0.0
100	QPSK	1	137		20.72			
100	QPSK	1	271		20.59			
100	QPSK	135	0		20.42		22.0	0.0
100	QPSK	135	69		20.68			
100	QPSK	135	138		20.43			
100	QPSK	270	0		20.66		22.0	0.0
100	16QAM	1	1		20.44		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		20.38		22.0	0.0
Channel				632000	633332	634665	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3509.99	(dBm)	(dB)
90	QPSK	1	1	20.60	20.60	20.55	22.0	0.0
Channel				632998	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.40	20.47	20.44	22.0	0.0
Channel				633304	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.49	20.46	20.33	22.0	0.0
Channel				633000	633332	634665	Tune-up limit	MPR
Frequency (MHz)				3485	3499.98	3514.99	(dBm)	(dB)
60	QPSK	1	1	20.47	20.45	20.47	22.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.49	20.44	20.36	22.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.54	20.43	20.44	22.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.53	20.41	20.49	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.49	(dBm)	(dB)
25	QPSK	1	1	20.42	20.48	20.50	22.0	0.0
Channel				630668	633332	636668	Tune-up limit	MPR
Frequency (MHz)				3460.52	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.45	20.41	20.41	22.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3450.1	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.50	20.53	20.44	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.14	3499.98	3554.98	(dBm)	(dB)
10	QPSK	1	1	20.54	20.44	20.37	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.34		22.5	0.0
100	PI/2 BPSK	1	137		21.25			
100	PI/2 BPSK	1	271		21.29			
100	PI/2 BPSK	135	0		21.25		22.5	0.0
100	PI/2 BPSK	135	69		21.31		22.5	0.0
100	PI/2 BPSK	135	138		21.32		22.5	0.0
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	1		21.31		22.5	0.0
100	QPSK	1	137		21.43			
100	QPSK	1	271		21.41			
100	QPSK	135	0		21.24		22.5	0.0
100	QPSK	135	69		21.40			
100	QPSK	135	138		21.31			
100	QPSK	270	0		21.38		22.5	0.0
100	16QAM	1	1		21.36		22.5	0.0
100	64QAM	1	1		21.38		22.5	0.0
100	256QAM	1	1		21.03		22.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	21.27	21.24	21.32	22.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3741.51	3750	3758.99	(dBm)	(dB)
80	QPSK	1	1	21.13	21.07	21.19	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.21	21.12	21.19	22.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	21.17	21.10	21.22	22.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.51	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	21.08	21.16	21.20	22.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.15	21.16	21.25	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	21.10	21.07	21.12	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	21.17	21.17	21.13	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	21.18	21.11	21.19	22.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				2707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	21.15	21.13	21.13	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.19	21.06	21.13	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.60			
100	PI/2 BPSK	1	137		17.54		19.0	0.0
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.50		19.0	0.0
100	PI/2 BPSK	135	69		17.48		19.0	0.0
100	PI/2 BPSK	135	138		17.53		19.0	0.0
100	PI/2 BPSK	270	0		17.45			
100	QPSK	1	1		17.60			
100	QPSK	1	137		17.69		19.0	0.0
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.41			
100	QPSK	135	69		17.60		19.0	0.0
100	QPSK	135	138		17.50			
100	QPSK	270	0		17.54		19.0	0.0
100	16QAM	1	1		17.52		19.0	0.0
100	64QAM	1	1		17.51		19.0	0.0
100	256QAM	1	1		17.47		19.0	0.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	17.52	17.58	17.57	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.54	17.63	17.53	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	17.59	17.65	17.55	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
60	QPSK	1	1	17.59	17.58	17.49	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3457.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.53	17.59	17.50	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.55	17.67	17.59	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.61	17.62	17.57	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.57	17.62	17.54	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.53	17.65	17.57	19.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.53	17.58	17.56	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.61	17.66	17.51	19.0	0.0

Part27O n78_PC3_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34			
100	PI/2 BPSK	1	137		18.33		19.5	0.0
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.32		19.5	0.0
100	PI/2 BPSK	135	69		18.35		19.5	0.0
100	PI/2 BPSK	135	138		18.33		19.5	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.23			
100	QPSK	1	137		18.44		19.5	0.0
100	QPSK	1	271		18.41			
100	QPSK	135	0		18.31			
100	QPSK	135	69		18.38		19.5	0.0
100	QPSK	135	138		18.37			
100	QPSK	270	0		18.32		19.5	0.0
100	16QAM	1	1		18.36		19.5	0.0
100	64QAM	1	1		18.32		19.5	0.0
100	256QAM	1	1		18.11		19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.31	18.40	18.33	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	18.30	18.43	18.23	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	18.30	18.41	18.23	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	18.30	18.41	18.25	19.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.34	18.37	18.34	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.32	18.38	18.30	19.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.30	18.38	18.33	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.29	18.40	18.29	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.31	18.40	18.29	19.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.31	18.41	18.34	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.31	18.41	18.26	19.5	0.0

Part27Q n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80			
100	PI/2 BPSK	1	137		17.62		19.5	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.66		19.5	0.0
100	PI/2 BPSK	135	69		17.65		19.5	0.0
100	PI/2 BPSK	135	138		17.67		19.5	0.0
100	PI/2 BPSK	270	0		17.62			
100	QPSK	1	1		17.92			
100	QPSK	1	137		17.95		19.5	0.0
100	QPSK	1	271		17.82			
100	QPSK	135	0		17.80			
100	QPSK	135	69		19.91		19.5	0.0
100	QPSK	135	138		17.79			
100	QPSK	270	0		17.86		19.5	0.0
100	16QAM	1	1		17.81		19.5	0.0
100	64QAM	1	1		17.73		19.5	0.0
100	256QAM	1	1		17.82		19.5	0.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
90	QPSK	1	1	17.80	17.86	17.86	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.64	17.72	17.72	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3534.99	(dBm)	(dB)
70	QPSK	1	1	17.64	17.70	17.79	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
60	QPSK	1	1	17.74	17.68	17.67	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.74	17.74	17.75	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.63	17.72	17.80	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.69	17.77	17.76	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.62	17.80	17.66	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.66	17.77	17.79	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.61	17.74	17.79	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.69	17.78	17.76	19.5	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.43			
100	PI/2 BPSK	1	137		18.39		20.0	0.0
100	PI/2 BPSK	1	271		18.34			
100	PI/2 BPSK	135	0		18.47		20.0	0.0
100	PI/2 BPSK	135	69		18.40		20.0	0.0
100	PI/2 BPSK	135	138		18.24		20.0	0.0
100	PI/2 BPSK	270	0		18.44			
100	QPSK	1	1		18.47			
100	QPSK	1	137		18.53		20.0	0.0
100	QPSK	1	271		18.43			
100	QPSK	135	0		18.33			
100	QPSK	135	69		18.50		20.0	0.0
100	QPSK	135	138		18.46			
100	QPSK	270	0		18.46		20.0	0.0
100	16QAM	1	1		18.38		20.0	0.0
100	64QAM	1	1		18.38		20.0	0.0
100	256QAM	1	1		18.45		20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.43	18.41	18.37	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	18.35	18.31	18.22	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	18.35	18.30	18.17	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	18.33	18.30	18.23	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.25	18.23	18.27	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.34	18.30	18.26	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.29	18.22	18.25	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.23	18.33	18.17	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.36	18.33	18.24	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.27	18.23	18.22	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.26	18.30	18.31	20.0	0.0

Part27Q n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.90		16.5	0.0
100	PI/2 BPSK	1	137		14.76			
100	PI/2 BPSK	1	271		14.94			
100	PI/2 BPSK	135	0		14.84		16.5	0.0
100	PI/2 BPSK	135	69		14.84		16.5	0.0
100	PI/2 BPSK	135	138		14.85		16.5	0.0
100	PI/2 BPSK	270	0		14.79			
100	QPSK	1	1		15.04		16.5	0.0
100	QPSK	1	137		15.05			
100	QPSK	1	271		14.97			
100	QPSK	135	0		14.86		16.5	0.0
100	QPSK	135	69		14.91			
100	QPSK	135	138		14.87			
100	QPSK	270	0		14.88		16.5	0.0
100	16QAM	1	1		14.89		16.5	0.0
100	64QAM	1	1		14.87		16.5	0.0
100	256QAM	1	1		14.88		16.5	0.0
Channel				632000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	14.94	14.93	14.92	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.97	14.95	14.94	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.01	3499.98	3514.98		
70	QPSK	1	1	15.04	14.94	14.93	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3519.99		
60	QPSK	1	1	14.96	14.96	15.00	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.92	14.97	14.96	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.98		
40	QPSK	1	1	14.93	15.01	14.99	16.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.03	14.96	15.02	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	14.97	14.99	14.96	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.04	14.95	14.91	16.5	0.0
Channel				630165	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.90	15.04	14.96	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.03	15.02	14.96	16.5	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.39		17.0	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.46		17.0	0.0
100	PI/2 BPSK	135	69		15.36		17.0	0.0
100	PI/2 BPSK	135	138		15.34		17.0	0.0
100	PI/2 BPSK	270	0		15.44			
100	QPSK	1	1		15.46		17.0	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.46			
100	QPSK	135	0		15.40		17.0	0.0
100	QPSK	135	69		15.49			
100	QPSK	135	138		15.48			
100	QPSK	270	0		15.41		17.0	0.0
100	16QAM	1	1		15.36		17.0	0.0
100	64QAM	1	1		15.40		17.0	0.0
100	256QAM	1	1		15.48		17.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	15.44	15.39	15.46	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	15.49	15.47	15.39	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	15.49	15.49	15.49	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98		
60	QPSK	1	1	15.38	15.46	15.48	17.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3925.01	3750	3774.99		
50	QPSK	1	1	15.39	15.48	15.38	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.40	15.35	15.37	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.45	15.45	15.37	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.37	15.49	15.35	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.47	15.48	15.41	17.0	0.0
Channel				647165	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.42	15.39	15.38	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.35	15.37	15.49	17.0	0.0

Reduced Power for DSI 3 ENDC NR_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.94	22.95	22.76		
50	PI/2 BPSK	1	135	22.88	22.99	22.97	24.5	0.0
50	PI/2 BPSK	1	268	22.95	22.95	22.91		
50	PI/2 BPSK	135	0	22.31	22.31	22.28	24.0	0.5
50	PI/2 BPSK	135	68	22.80	22.98	22.85	24.5	0.0
50	PI/2 BPSK	135	135	22.32	22.42	22.40	24.0	0.5
50	PI/2 BPSK	270	0	22.18	22.36	22.28		
50	QPSK	1	1	22.86	23.03	22.81	24.5	0.0
50	QPSK	1	135	22.86	22.94	22.79		
50	QPSK	1	268	22.66	22.77	22.70		
50	QPSK	135	0	21.71	21.88	21.81	23.5	1.0
50	QPSK	135	68	22.82	22.86	22.77	24.5	0.0
50	QPSK	135	135	21.55	21.66	21.52	23.5	1.0
50	QPSK	270	0	21.82	21.89	21.78		
50	16QAM	1	1	21.66	21.77	21.76	23.5	1.0
50	64QAM	1	1	20.23	20.31	20.18	22.0	2.5
50	256QAM	1	1	18.65	18.72	18.52	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2630	2635	2640	(dBm)	(dB)
40	QPSK	1	1	22.78	22.98	22.79	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
30	QPSK	1	1	22.79	22.97	22.77	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.81	23.01	22.73	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	22.83	22.97	22.70	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.84	22.96	22.70	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.82	22.91	22.75	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.93	22.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.93	21.92	21.78		
50	PI/2 BPSK	1	135	21.89	21.82	21.84	23.0	0.0
50	PI/2 BPSK	1	268	21.90	21.79	21.85		
50	PI/2 BPSK	135	0	21.88	21.82	21.86	23.0	0.0
50	PI/2 BPSK	135	68	21.91	21.91	21.84	23.0	0.0
50	PI/2 BPSK	135	135	21.89	21.80	21.77	23.0	0.0
50	PI/2 BPSK	270	0	21.91	21.85	21.86		
50	QPSK	1	1	21.94	21.97	21.89	23.0	0.0
50	QPSK	1	135	21.84	21.87	21.81		
50	QPSK	1	268	21.82	21.92	21.79		
50	QPSK	135	0	21.74	21.83	21.75	23.0	0.0
50	QPSK	135	68	21.90	21.92	21.76	23.0	0.0
50	QPSK	135	135	21.79	21.85	21.68	23.0	0.0
50	QPSK	270	0	21.84	21.86	21.77		
50	16QAM	1	1	21.84	21.84	21.72	23.0	0.0
50	64QAM	1	1	21.80	21.86	21.76	23.0	0.0
50	256QAM	1	1	19.72	19.87	19.79	21.0	2.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2630	2635	2640	(dBm)	(dB)
40	QPSK	1	1	21.83	21.82	21.78	23.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	21.93	21.93	21.86	23.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	21.95	21.83	21.77	23.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	21.87	21.81	21.85	23.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.90	21.85	21.82	23.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.94	21.89	21.81	23.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.83	21.87	21.79	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.62	22.79	22.66		
50	PI/2 BPSK	1	135	22.69	22.88	22.88	24.5	0.0
50	PI/2 BPSK	1	268	22.65	22.82	22.67		
50	PI/2 BPSK	135	0	22.46	22.49	22.44	24.0	0.5
50	PI/2 BPSK	135	68	23.01	23.05	23.04	24.5	0.0
50	PI/2 BPSK	135	135	22.44	22.81	22.57	24.0	0.5
50	PI/2 BPSK	270	0	22.48	22.53	22.41		
50	QPSK	1	1	23.01	23.08	22.97	24.5	0.0
50	QPSK	1	135	22.84	22.87	22.73		
50	QPSK	1	268	22.75	22.82	22.70		
50	QPSK	135	0	21.78	21.93	21.83	23.5	1.0
50	QPSK	135	68	22.72	23.04	22.71	24.5	0.0
50	QPSK	135	135	21.91	22.10	22.03	23.5	1.0
50	QPSK	270	0	21.97	22.07	22.06		
50	16QAM	1	1	21.86	21.92	21.72	23.5	1.0
50	64QAM	1	1	20.25	20.28	20.12	22.0	2.5
50	256QAM	1	1	18.64	18.76	18.74	20.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2630	2635	2640	(dBm)	(dB)
40	QPSK	1	1	22.91	23.01	22.89	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
30	QPSK	1	1	22.92	22.98	22.86	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.96	23.00	22.91	24.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	22.99	23.00	22.87	24.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.98	23.03	22.88	24.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.90	23.00	22.95	24.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.97	23.02	22.93	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.16	21.25	21.12		
50	PI/2 BPSK	1	135	21.17	21.19	21.16	22.5	0.0
50	PI/2 BPSK	1	268	21.13	21.26	21.09		
50	PI/2 BPSK	135	0	21.12	21.18	21.18	22.5	0.0
50	PI/2 BPSK	135	68	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	135	135	21.23	21.30	21.21	22.5	0.0
50	PI/2 BPSK	270	0	21.24	21.30	21.09		
50	QPSK	1	1	21.35	21.39	21.33	22.5	0.0
50	QPSK	1	135	21.22	21.35	21.21		
50	QPSK	1	268	21.23	21.28	21.19		
50	QPSK	135	0	21.15	21.18	21.13	22.5	0.0
50	QPSK	135	68	21.26	21.32	21.23	22.5	0.0
50	QPSK	135	135	21.18	21.20	21.09	22.5	0.0
50	QPSK	270	0	21.18	21.19	21.08		
50	16QAM	1	1	21.24	21.24	21.11	22.5	0.0
50	64QAM	1	1	21.22	21.19	21.17	22.5	0.0
50	256QAM	1	1	19.74	19.76	19.63	21.0	1.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2630	2635	2640	(dBm)	(dB)
40	QPSK	1	1	21.20	21.29	21.25	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	21.32	21.25	21.24	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	21.29	21.27	21.26	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	21.28	21.32	21.22	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	21.26	21.37	21.23	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	21.30	21.32	21.27	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	21.29	21.36	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.15	20.24	20.19	22.0	0.0
40	PI/2 BPSK	1	108	20.09	20.30	20.17		
40	PI/2 BPSK	1	214	20.07	20.32	20.19		
40	PI/2 BPSK	108	0	20.13	20.30	20.21	22.0	0.0
40	PI/2 BPSK	108	54	20.09	20.28	20.20	22.0	0.0
40	PI/2 BPSK	108	108	20.03	20.30	20.21	22.0	0.0
40	PI/2 BPSK	216	0	20.22	20.29	20.28		
40	QPSK	1	1	20.28	20.35	20.31	22.0	0.0
40	QPSK	1	108	20.26	20.27	20.28		
40	QPSK	1	214	20.18	20.28	20.30		
40	QPSK	108	0	20.08	20.17	20.21	22.0	0.0
40	QPSK	108	54	20.15	20.33	20.32	22.0	0.0
40	QPSK	108	108	20.11	20.27	20.22	22.0	0.0
40	QPSK	216	0	20.15	20.25	20.17		
40	16QAM	1	1	20.02	20.27	20.30	22.0	0.0
40	64QAM	1	1	19.57	19.51	19.68	21.5	0.5
40	256QAM	1	1	18.26	18.28	18.21	19.5	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1746	1765		
30	QPSK	1	1	20.23	20.25	20.29	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.21	20.31	20.28	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.21	20.31	20.25	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.17	20.33	20.28	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.25	20.33	20.26	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.26	20.26	20.29	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.96	22.02	21.81	23.5	0.0
40	PI/2 BPSK	1	108	21.87	22.03	21.83		
40	PI/2 BPSK	1	214	21.89	21.86	21.93		
40	PI/2 BPSK	108	0	21.83	21.79	21.85	23.5	0.0
40	PI/2 BPSK	108	54	21.82	21.96	21.77	23.5	0.0
40	PI/2 BPSK	108	108	21.83	21.94	21.86	23.5	0.0
40	PI/2 BPSK	216	0	21.81	21.92	21.85		
40	QPSK	1	1	22.04	22.13	21.96	23.5	0.0
40	QPSK	1	108	21.90	22.11	21.91		
40	QPSK	1	214	21.85	22.01	21.83		
40	QPSK	108	0	21.90	22.00	21.92	23.5	0.0
40	QPSK	108	54	21.95	22.05	22.04	23.5	0.0
40	QPSK	108	108	21.94	21.91	21.87	23.5	0.0
40	QPSK	216	0	21.88	21.99	21.94		
40	16QAM	1	1	21.86	21.87	21.88	23.5	0.0
40	64QAM	1	1	20.58	20.77	20.65	22.5	1.0
40	256QAM	1	1	19.69	19.69	19.63	20.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	21.98	22.09	21.90	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.93	22.08	21.89	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.93	22.05	21.94	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.93	22.05	21.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.99	22.07	21.87	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.94	22.11	21.92	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.53	21.54	21.60	23.5	0.0
40	PI/2 BPSK	1	108	21.73	21.82	21.82		
40	PI/2 BPSK	1	214	21.51	21.81	21.85		
40	PI/2 BPSK	108	0	21.10	21.03	21.13	23.0	0.5
40	PI/2 BPSK	108	54	21.75	21.77	21.68	23.5	0.0
40	PI/2 BPSK	108	108	21.19	21.10	21.16	23.0	0.5
40	PI/2 BPSK	216	0	21.09	21.11	21.17		
40	QPSK	1	1	21.61	21.84	21.75	23.5	0.0
40	QPSK	1	108	21.54	21.58	21.60		
40	QPSK	1	214	21.50	21.55	21.55		
40	QPSK	108	0	20.50	20.57	20.52	22.5	1.0
40	QPSK	108	54	21.64	21.76	21.67	23.5	0.0
40	QPSK	108	108	20.54	20.56	20.55	22.5	1.0
40	QPSK	216	0	20.59	20.66	20.59		
40	16QAM	1	1	20.50	20.54	20.59	22.5	1.0
40	64QAM	1	1	19.07	19.08	19.09	21.0	2.5
40	256QAM	1	1	17.59	17.66	17.60	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	21.51	21.73	21.69	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.57	21.80	21.71	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.50	21.73	21.73	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.56	21.81	21.66	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.56	21.80	21.66	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.55	21.74	21.64	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.09	23.20	23.18	24.5	0.0
40	PI/2 BPSK	1	108	23.21	23.41	23.21		
40	PI/2 BPSK	1	214	23.14	23.26	23.12		
40	PI/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	PI/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	PI/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	PI/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34	24.5	0.0
40	QPSK	1	108	23.22	23.39	23.24		
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.24	22.35	22.20	24.0	0.0
40	PI/2 BPSK	1	53	22.25	22.35	22.27		
40	PI/2 BPSK	1	104	22.37	22.29	22.24		
40	PI/2 BPSK	50	0	22.25	22.31	22.21	24.0	0.0
40	PI/2 BPSK	50	28	22.26	22.29	22.18	24.0	0.0
40	PI/2 BPSK	50	56	22.25	22.26	22.30	24.0	0.0
40	PI/2 BPSK	100	0	22.28	22.31	22.18		
40	QPSK	1	1	22.39	22.50	22.39	24.0	0.0
40	QPSK	1	53	22.37	22.36	22.24		
40	QPSK	1	104	22.37	22.39	22.28		
40	QPSK	50	0	22.23	22.37	22.31	24.0	0.0
40	QPSK	50	28	22.38	22.43	22.32		
40	QPSK	50	56	22.35	22.36	22.27		
40	QPSK	100	0	22.23	22.31	22.26	24.0	0.0
40	16QAM	1	1	22.24	22.37	22.26	24.0	0.0
40	64QAM	1	1	20.66	20.92	20.80	22.5	1.5
40	256QAM	1	1	18.75	18.88	18.78	20.5	3.5
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.01	2595	2604.99		
30	QPSK	1	1	22.29	22.49	22.38	24.0	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.02	2595	2607.48		
25	QPSK	1	1	22.34	22.42	22.24	24.0	0.0
Channel				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	22.30	22.42	22.31	24.0	0.0
Channel				515502	516000	520498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.35	22.35	22.24	24.0	0.0
Channel				515254	515000	519746	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.37	22.41	22.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.33	21.33	21.24	22.7	0.0
40	PI/2 BPSK	1	53	21.19	21.38	21.18		
40	PI/2 BPSK	1	104	21.19	21.39	21.23		
40	PI/2 BPSK	50	0	21.31	21.33	21.15	22.7	0.0
40	PI/2 BPSK	50	28	21.33	21.32	21.14	22.7	0.0
40	PI/2 BPSK	50	56	21.22	21.40	21.18	22.7	0.0
40	PI/2 BPSK	100	0	21.30	21.40	21.14		
40	QPSK	1	1	21.40	21.55	21.35	22.7	0.0
40	QPSK	1	53	21.30	21.48	21.29		
40	QPSK	1	104	21.23	21.37	21.23		
40	QPSK	50	0	21.24	21.36	21.13	22.7	0.0
40	QPSK	50	28	21.34	21.47	21.26		
40	QPSK	50	56	21.29	21.33	21.19		
40	QPSK	100	0	21.32	21.39	21.25	22.7	0.0
40	16QAM	1	1	21.21	21.37	21.18	22.7	0.0
40	64QAM	1	1	21.27	21.36	21.16	22.7	0.0
40	256QAM	1	1	19.82	19.95	19.70	21.2	1.5
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.01	2595	2604.99		
30	QPSK	1	1	21.38	21.49	21.21	22.7	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.02	2595	2607.48		
25	QPSK	1	1	21.33	21.45	21.31	22.7	0.0
Channel				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	21.34	21.46	21.22	22.7	0.0
Channel				515502	516000	520498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.34	21.40	21.31	22.7	0.0
Channel				515254	516000	519746	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.35	21.36	21.31	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.03	22.18	22.05	24.0	0.0
40	PI/2 BPSK	1	53	22.14	22.19	22.08		
40	PI/2 BPSK	1	104	22.12	22.26	22.10		
40	PI/2 BPSK	50	0	22.05	22.22	22.10	24.0	0.0
40	PI/2 BPSK	50	28	22.04	22.12	22.16	24.0	0.0
40	PI/2 BPSK	50	56	22.05	22.26	22.05	24.0	0.0
40	PI/2 BPSK	100	0	22.05	22.18	22.16		
40	QPSK	1	1	22.19	22.28	22.27	24.0	0.0
40	QPSK	1	53	22.17	22.23	22.16		
40	QPSK	1	104	22.14	22.14	22.19		
40	QPSK	50	0	22.03	22.14	22.02	24.0	0.0
40	QPSK	50	28	22.17	22.27	22.17		
40	QPSK	50	56	22.05	22.17	22.13		
40	QPSK	100	0	22.04	22.13	22.08	24.0	0.0
40	16QAM	1	1	22.13	22.23	22.08	24.0	0.0
40	64QAM	1	1	20.58	20.74	20.56	22.5	1.5
40	256QAM	1	1	18.58	18.67	18.63	20.5	3.5
Channel				517002	516999	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.01	2595	2604.99		
30	QPSK	1	1	22.07	22.27	22.25	24.0	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.02	2595	2607.48		
25	QPSK	1	1	22.06	22.17	22.22	24.0	0.0
Channel				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	22.17	22.21	22.16	24.0	0.0
Channel				515502	516000	520498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.11	22.25	22.16	24.0	0.0
Channel				515254	516000	519746	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.05	22.24	22.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.56	18.60	18.38	19.7	0.0
40	PI/2 BPSK	1	53	18.59	18.68	18.46		
40	PI/2 BPSK	1	104	18.60	18.65	18.48		
40	PI/2 BPSK	50	0	18.64	18.59	18.49	19.7	0.0
40	PI/2 BPSK	50	28	18.58	18.66	18.41	19.7	0.0
40	PI/2 BPSK	50	56	18.51	18.71	18.42	19.7	0.0
40	PI/2 BPSK	100	0	18.58	18.64	18.48		
40	QPSK	1	1	18.80	18.88	18.71	19.7	0.0
40	QPSK	1	53	18.78	18.74	18.62		
40	QPSK	1	104	18.73	18.86	18.70		
40	QPSK	50	0	18.54	18.77	18.53	19.7	0.0
40	QPSK	50	28	18.66	18.80	18.63		
40	QPSK	50	56	18.60	18.73	18.54		
40	QPSK	100	0	18.66	18.74	18.53	19.7	0.0
40	16QAM	1	1	18.57	18.84	18.48	19.7	0.0
40	64QAM	1	1	18.57	18.81	18.59	19.7	0.0
40	256QAM	1	1	18.60	18.72	18.62	19.7	0.0
Channel				517002	516000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.01	2595	2604.99		
30	QPSK	1	1	18.66	18.86	18.70	19.7	0.0
Channel				516004	516000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590.02	2595	2607.48		
25	QPSK	1	1	18.74	18.87	18.61	19.7	0.0
Channel				516000	516000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	18.73	18.82	18.64	19.7	0.0
Channel				515502	516000	520498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.70	18.79	18.66	19.7	0.0
Channel				515254	516000	519746	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.78	18.86	18.70	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.27	22.39	22.36	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.46	22.33		
100	PI/2 BPSK	1	271	22.32	22.42	22.32		
100	PI/2 BPSK	135	0	22.25	22.42	22.28	24.0	0.0
100	PI/2 BPSK	135	69	22.30	22.37	22.28	24.0	0.0
100	PI/2 BPSK	135	138	22.25	22.38	22.27	24.0	0.0
100	PI/2 BPSK	270	0	22.25	22.41	22.37		
100	QPSK	1	1	22.51	22.55	22.45	24.0	0.0
100	QPSK	1	137	22.48	22.47	22.36		
100	QPSK	1	271	22.44	22.42	22.38		
100	QPSK	135	0	22.31	22.28	22.25	24.0	0.0
100	QPSK	135	69	22.38	22.47	22.41		
100	QPSK	135	138	22.36	22.42	22.32		
100	QPSK	270	0	22.28	22.39	22.30	24.0	0.0
100	16QAM	1	1	22.26	22.32	22.31	24.0	0.0
100	64QAM	1	1	20.75	20.93	20.76	22.5	1.5
100	256QAM	1	1	18.77	18.85	18.88	20.5	3.5
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.38	22.48	22.39	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2650.98		
80	QPSK	1	1	22.45	22.43	22.38	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.40	22.41	22.35	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.40	22.50	22.33	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.40	22.52	22.38	24.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.43	22.50	22.30	24.0	0.0
Channel				502002	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.43	22.47	22.43	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2677.99		
20	QPSK	1	1	22.45	22.46	22.49	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.42	22.52	22.30	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.36	22.44	22.32	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.24	21.40	21.24	22.7	0.0
100	PI/2 BPSK	1	137	21.32	21.35	21.20		
100	PI/2 BPSK	1	271	21.36	21.45	21.21		
100	PI/2 BPSK	135	0	21.33	21.43	21.19	22.7	0.0
100	PI/2 BPSK	135	69	21.34	21.37	21.21	22.7	0.0
100	PI/2 BPSK	135	138	21.35	21.34	21.19	22.7	0.0
100	PI/2 BPSK	270	0	21.27	21.48	21.16		
100	QPSK	1	1	21.49	21.51	21.39	22.7	0.0
100	QPSK	1	137	21.35	21.35	21.25		
100	QPSK	1	271	21.43	21.43	21.33		
100	QPSK	135	0	21.28	21.35	21.13	22.7	0.0
100	QPSK	135	69	21.37	21.49	21.27		
100	QPSK	135	138	21.32	21.45	21.25		
100	QPSK	270	0	21.28	21.44	21.13	22.7	0.0
100	16QAM	1	1	21.22	21.46	21.23	22.7	0.0
100	64QAM	1	1	21.35	21.43	21.17	22.7	0.0
100	256QAM	1	1	19.79	19.89	19.73	21.2	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.38	21.50	21.31	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2650.98		
80	QPSK	1	1	21.42	21.39	21.32	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.35	21.37	21.30	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.42	21.39	21.30	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.39	21.49	21.28	22.7	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.35	21.49	21.38	22.7	0.0
Channel				502002	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.46	21.39	21.24	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2677.99		
20	QPSK	1	1	21.47	21.47	21.33	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.46	21.48	21.33	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.45	21.49	21.24	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.16	22.15	22.22	24.0	0.0
100	PI/2 BPSK	1	137	22.07	22.15	22.22		
100	PI/2 BPSK	1	271	22.12	22.15	22.21		
100	PI/2 BPSK	135	0	22.08	22.21	22.27	24.0	0.0
100	PI/2 BPSK	135	69	22.03	22.22	22.32	24.0	0.0
100	PI/2 BPSK	135	138	22.12	22.17	22.29	24.0	0.0
100	PI/2 BPSK	270	0	22.06	22.08	22.25		
100	QPSK	1	1	22.28	22.38	22.36	24.0	0.0
100	QPSK	1	137	22.19	22.31	22.31		
100	QPSK	1	271	22.13	22.33	22.24		
100	QPSK	135	0	22.07	22.13	22.21	24.0	0.0
100	QPSK	135	69	22.20	22.27	22.26		
100	QPSK	135	138	22.05	22.08	22.25		
100	QPSK	270	0	22.07	22.32	22.08	24.0	0.0
100	16QAM	1	1	22.10	22.19	22.24	24.0	0.0
100	64QAM	1	1	20.53	20.65	20.80	22.5	1.5
100	256QAM	1	1	18.59	18.58	18.76	20.5	3.5
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.22	22.33	22.25	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2650.98		
80	QPSK	1	1	22.24	22.30	22.32	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.21	22.25	22.30	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.14	22.29	22.30	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.25	22.32	22.30	24.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.20	22.23	22.34	24.0	0.0
Channel				502002	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.24	22.37	22.21	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2677.99		
20	QPSK	1	1	22.16	22.31	22.34	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.13	22.24	22.27	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.17	22.35	22.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.59	18.71	18.69	19.7	0.0
100	PI/2 BPSK	1	137	18.56	18.73	18.61		
100	PI/2 BPSK	1	271	18.57	18.72	18.70		
100	PI/2 BPSK	135	0	18.59	18.75	18.56	19.7	0.0
100	PI/2 BPSK	135	69	18.65	18.73	18.63	19.7	0.0
100	PI/2 BPSK	135	138	18.62	18.74	18.59	19.7	0.0
100	PI/2 BPSK	270	0	18.65	18.69	18.67		
100	QPSK	1	1	18.74	18.89	18.74	19.7	0.0
100	QPSK	1	137	18.69	18.75	18.64		
100	QPSK	1	271	18.64	18.77	18.67		
100	QPSK	135	0	18.54	18.71	18.58	19.7	0.0
100	QPSK	135	69	18.68	18.79	18.71		
100	QPSK	135	138	18.66	18.70	18.59		
100	QPSK	270	0	18.62	18.70	18.67	19.7	0.0
100	16QAM	1	271	18.60	18.65	18.68	19.7	0.0
100	64QAM	1	271	18.63	18.66	18.59	19.7	0.0
100	256QAM	1	271	18.58	18.77	18.63	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.65	18.87	18.60	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2650.98		
80	QPSK	1	1	18.72	18.79	18.67	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.70	18.78	18.65	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.73	18.85	18.61	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.62	18.78	18.67	19.7	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.69	18.87	18.69	19.7	0.0
Channel				502002	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.61	18.73	18.71	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2677.99		
20	QPSK	1	1	18.68	18.82	18.64	19.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.60	18.77	18.70	19.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.68	18.82	18.68	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.11		25.5	0.0
100	PI/2 BPSK	1	137		24.21			
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		23.56		25.0	0.5
100	PI/2 BPSK	135	69		24.04		25.5	0.0
100	PI/2 BPSK	135	138		23.37		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.13		25.5	0.0
100	QPSK	1	137		24.24			
100	QPSK	1	271		24.11			
100	QPSK	135	0		23.24		25.5	0.0
100	QPSK	135	69		24.22			
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.18		24.5	1.0
100	16QAM	1	1		23.15		24.5	1.0
100	64QAM	1	1		21.55		23.0	2.5
100	256QAM	1	1		19.37		21.0	4.5
	Channel			630000	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3450	3499.98	3554.99	(dBm)	(dB)
90	QPSK	1	1	24.13	24.16	23.77	25.5	0.0
	Channel			629994	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3539.98	(dBm)	(dB)
80	QPSK	1	1	24.06	24.15	23.19	25.5	0.0
	Channel			629334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.15	24.15	23.19	25.5	0.0
	Channel			630000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.08	24.19	23.18	25.5	0.0
	Channel			631332	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.08	24.21	23.19	25.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	23.20	25.5	0.0
	Channel			631666	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.09	24.19	23.21	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.15	24.21	23.17	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.11	24.21	23.16	25.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.10	24.21	23.18	25.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.08	24.20	23.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	24.36	24.25	24.53	26.0	0.0
100	PI/2 BPSK	1	137	24.76	24.64	24.88		
100	PI/2 BPSK	1	271	24.69	24.55	24.73		
100	PI/2 BPSK	135	0	24.46	24.38	24.63	25.5	0.5
100	PI/2 BPSK	135	69	24.76	24.65	24.85	26.0	0.0
100	PI/2 BPSK	135	138	24.57	24.47	24.66	25.5	0.5
100	PI/2 BPSK	270	0	24.54	24.41	24.61		
100	QPSK	1	1	24.58	24.45	24.68	26.0	0.0
100	QPSK	1	137	25.00	24.85	25.03		
100	QPSK	1	271	24.91	24.75	24.99		
100	QPSK	135	0	24.90	24.73	24.98	26.0	0.0
100	QPSK	135	69	24.94	24.81	24.99		
100	QPSK	135	138	24.92	24.75	24.95		
100	QPSK	270	0	24.08	24.00	24.15	25.0	1.0
100	16QAM	1	1	24.30	24.12	24.30	25.0	1.0
100	64QAM	1	1	22.77	22.60	22.84	23.5	2.5
100	256QAM	1	1	20.64	20.47	20.66	21.5	4.5
	Channel			649666	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3840	3930.98	(dBm)	(dB)
90	QPSK	1	1	24.93	24.83	24.96	26.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3749.01	3840	3930.99	(dBm)	(dB)
80	QPSK	1	1	24.97	24.81	24.97	26.0	0.0
	Channel			649000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.98	24.74	24.95	26.0	0.0
	Channel			648668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3732.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	24.91	24.83	24.95	26.0	0.0
	Channel			651334	652000	654000	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	24.92	24.76	24.94	26.0	0.0
	Channel			649332	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.93	24.74	24.99	26.0	0.0
	Channel			647998	650000	654334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.97	24.79	25.01	26.0	0.0
	Channel			647500	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	24.98	24.79	24.92	26.0	0.0
	Channel			647334	650000	654666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.89	24.73	24.92	26.0	0.0
	Channel			647168	650000	654832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.98	24.74	24.96	26.0	0.0
	Channel			647000	650000	655000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.97	24.74	25.01	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.99			
100	PI/2 BPSK	1	271		20.86			
100	PI/2 BPSK	135	0		20.81		22.5	0.0
100	PI/2 BPSK	135	69		20.98		22.5	0.0
100	PI/2 BPSK	135	138		21.13		22.5	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.07		22.5	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		21.02			
100	QPSK	135	0		20.97		22.5	0.0
100	QPSK	135	69		21.15			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.00		22.5	0.0
100	16QAM	1	1		21.00		22.5	0.0
100	64QAM	1	1		20.98		22.5	0.0
100	256QAM	1	1		19.37		21.0	1.5
	Channel			630000	633332	635668	Tune-up limit	MPR
	Frequency (MHz)			3450	3499.98	3554.99	(dBm)	(dB)
90	QPSK	1	1	21.05	21.04	21.01	22.5	0.0
	Channel			629968	633332	634920	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3525	(dBm)	(dB)
80	QPSK	1	1	20.99	21.04	20.99	22.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.04	21.09	21.02	22.5	0.0
	Channel			630000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.00	21.08	20.96	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.99	21.06	20.95	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.05	21.12	20.98	22.5	0.0
	Channel			631666	633332	636666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.02	21.05	21.02	22.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.03	21.11	21.01	22.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.01	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.00	21.04	20.99	22.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.05	21.10	21.02	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.06	21.09	21.02	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.47	21.42	23.0	0.0
100	PI/2 BPSK	1	137	21.58	21.76	21.73		
100	PI/2 BPSK	1	271	21.46	21.55	21.55		
100	PI/2 BPSK	135	0	21.70	21.75	21.70	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.68	21.67	23.0	0.0
100	PI/2 BPSK	135	138	21.51	21.65	21.52	23.0	0.0
100	PI/2 BPSK	270	0	21.52	21.70	21.58		
100	QPSK	1	1	21.46	21.46	21.46	23.0	0.0
100	QPSK	1	137	21.88	21.80	21.97		
100	QPSK	1	271	21.71	21.72	21.67		
100	QPSK	135	0	21.60	21.57	21.66	23.0	0.0
100	QPSK	135	69	21.75	21.77	21.86		
100	QPSK	135	138	21.71	21.72	21.71		
100	QPSK	270	0	21.67	21.76	21.82	23.0	0.0
100	16QAM	1	1	21.82	21.94	21.87	23.0	0.0
100	64QAM	1	1	21.81	21.84	21.83	23.0	0.0
100	256QAM	1	1	20.64	20.47	20.66	21.5	1.5
	Channel			649666	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3749.02	3840	3930.98	(dBm)	(dB)
90	QPSK	1	1	21.84	21.77	21.93	23.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3749.01	3840	3930.99	(dBm)	(dB)
80	QPSK	1	1	21.81	21.72	21.94	23.0	0.0
	Channel			649000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.80	21.76	21.88	23.0	0.0
	Channel			648668	650000	653332	Tune-up limit	MPR
	Frequency (MHz)			3732.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.86	21.69	21.94	23.0	0.0
	Channel			651334	652000	654000	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.81	21.75	21.92	23.0	0.0
	Channel			649332	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	21.72	21.91	23.0	0.0
	Channel			647998	650000	654334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3784.98	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.80	21.73	21.95	23.0	0.0
	Channel			647500	650000	654000	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	21.77	21.73	21.89	23.0	0.0
	Channel			647334	650000	654666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.86	21.72	21.95	23.0	0.0
	Channel			647168	650000	654832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.84	21.71	21.86	23.0	0.0
	Channel			647000	650000	655000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.84	21.76	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		21.85			
100	PI/2 BPSK	1	137		21.65		22.5	0.0
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.69		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.72		22.5	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.80			
100	QPSK	1	137		21.66		22.5	0.0
100	QPSK	1	271		21.83			
100	QPSK	135	0		21.68			
100	QPSK	135	69		21.95		22.5	0.0
100	QPSK	135	138		21.72			
100	QPSK	270	0		21.90		22.5	0.0
100	16QAM	1	1		21.69		22.5	0.0
100	64QAM	1	1		21.78		22.5	0.0
100	256QAM	1	1		21.14		21.5	1.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3484.98	22.5	0.0
90	QPSK	1	1	21.80	21.86	21.84		
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.02	3466.98	3533	22.5	0.0
80	QPSK	1	1	21.70	21.74	21.78		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98	22.5	0.0
70	QPSK	1	1	21.71	21.73	21.73		
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.98	22.5	0.0
60	QPSK	1	1	21.65	21.75	21.74		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525	22.5	0.0
50	QPSK	1	1	21.73	21.71	21.73		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98	22.5	0.0
40	QPSK	1	1	21.71	21.81	21.71		
Channel				631666	633332	636998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.98	22.5	0.0
30	QPSK	1	1	21.66	21.72	21.74		
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48	22.5	0.0
25	QPSK	1	1	21.61	21.77	21.63		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540	22.5	0.0
20	QPSK	1	1	21.68	21.75	21.72		
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49	22.5	0.0
15	QPSK	1	1	21.65	21.77	21.76		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98	22.5	0.0
10	QPSK	1	1	21.60	21.72	21.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.98	21.96	21.90		
100	PI/2 BPSK	1	137	21.83	21.97	21.82	22.5	0.0
100	PI/2 BPSK	1	271	22.00	22.07	21.86		
100	PI/2 BPSK	135	0	21.80	21.91	21.94	22.5	0.0
100	PI/2 BPSK	135	69	21.82	21.94	21.94	22.5	0.0
100	PI/2 BPSK	135	138	21.85	21.94	21.96	22.5	0.0
100	PI/2 BPSK	270	0	21.88	22.08	21.92		
100	QPSK	1	1	22.08	22.05	22.01		
100	QPSK	1	137	22.08	22.17	22.12	22.5	0.0
100	QPSK	1	271	22.06	22.11	21.97		
100	QPSK	135	0	21.79	21.95	21.94		
100	QPSK	135	69	21.92	22.14	21.96	22.5	0.0
100	QPSK	135	138	21.86	21.96	21.80		
100	QPSK	270	0	21.90	22.10	22.05	22.5	0.0
100	16QAM	1	1	21.86	21.95	22.14	22.5	0.0
100	64QAM	1	1	22.03	22.07	21.94	22.5	0.0
100	256QAM	1	1	21.03	21.05	21.00	21.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	22.5	0.0
90	QPSK	1	1	21.97	22.06	21.98		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	22.5	0.0
80	QPSK	1	1	22.01	21.98	22.03		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	22.5	0.0
70	QPSK	1	1	21.95	22.07	22.06		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	22.5	0.0
60	QPSK	1	1	22.01	22.06	21.97		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	22.5	0.0
50	QPSK	1	1	22.02	22.03	22.02		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	22.5	0.0
40	QPSK	1	1	21.93	22.08	21.93		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	22.5	0.0
30	QPSK	1	1	21.99	22.11	22.06		
Channel				647332	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	22.5	0.0
25	QPSK	1	1	21.93	22.07	22.02		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	22.5	0.0
20	QPSK	1	1	21.94	21.97	22.03		
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	22.5	0.0
15	QPSK	1	1	21.92	22.09	21.92		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	22.5	0.0
10	QPSK	1	1	21.96	22.07	22.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		18.96			
100	PI/2 BPSK	1	137		18.82		19.5	0.0
100	PI/2 BPSK	1	271		18.82			
100	PI/2 BPSK	135	0		18.88		19.5	0.0
100	PI/2 BPSK	135	69		18.84		19.5	0.0
100	PI/2 BPSK	135	138		18.92		19.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.99			
100	QPSK	1	137		19.05		19.5	0.0
100	QPSK	1	271		19.00			
100	QPSK	135	0		19.00			
100	QPSK	135	69		19.01		19.5	0.0
100	QPSK	135	138		18.92			
100	QPSK	270	0		19.00		19.5	0.0
100	16QAM	1	1		18.77		19.5	0.0
100	64QAM	1	1		18.92		19.5	0.0
100	256QAM	1	1		19.04		19.5	0.0
Channel				630000	633332	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3484.98	19.5	0.0
90	QPSK	1	1	18.98	18.98	18.89		
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.02	3466.98	3533	19.5	0.0
80	QPSK	1	1	18.97	18.99	18.85		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3466.98	3514.98	19.5	0.0
70	QPSK	1	1	18.96	19.03	18.94		
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.98	19.5	0.0
60	QPSK	1	1	18.91	18.95	18.91		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525	19.5	0.0
50	QPSK	1	1	18.92	19.01	18.88		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98	19.5	0.0
40	QPSK	1	1	18.91	18.99	18.94		
Channel				631666	633332	636998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.98	19.5	0.0
30	QPSK	1	1	18.92	18.97	18.88		
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48	19.5	0.0
25	QPSK	1	1	18.91	19.01	18.90		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540	19.5	0.0
20	QPSK	1	1	18.94	19.00	18.85		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49	19.5	0.0
15	QPSK	1	1	18.94	18.97	18.92		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98	19.5	0.0
10	QPSK	1	1	18.96	18.96	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	18.95	18.94		
100	PI/2 BPSK	1	137	18.81	19.03	18.91	19.5	0.0
100	PI/2 BPSK	1	271	18.96	19.13	18.94		
100	PI/2 BPSK	135	0	18.89	18.89	18.93	19.5	0.0
100	PI/2 BPSK	135	69	18.89	19.01	18.97	19.5	0.0
100	PI/2 BPSK	135	138	18.88	18.97	18.94	19.5	0.0
100	PI/2 BPSK	270	0	18.90	19.14	18.91		
100	QPSK	1	1	19.05	19.08	19.10		
100	QPSK	1	137	19.11	19.21	19.15	19.5	0.0
100	QPSK	1	271	19.04	19.12	18.98		
100	QPSK	135	0	18.88	19.01	19.03		
100	QPSK	135	69	18.98	19.10	19.06	19.5	0.0
100	QPSK	135	138	18.92	19.00	18.90		
100	QPSK	270	0	18.89	19.05	19.03	19.5	0.0
100	16QAM	1	1	18.87	18.94	19.10	19.5	0.0
100	64QAM	1	1	19.03	19.15	19.02	19.5	0.0
100	256QAM	1	1	19.09	19.10	19.01	19.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	19.5	0.0
90	QPSK	1	1	19.05	19.15	19.06		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	19.5	0.0
80	QPSK	1	1	19.00	19.17	19.09		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	19.5	0.0
70	QPSK	1	1	19.00	19.12	19.12		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	19.5	0.0
60	QPSK	1	1	19.00	19.15	19.10		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	19.5	0.0
50	QPSK	1	1	19.09	19.15	19.11		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	19.5	0.0
40	QPSK	1	1	19.06	19.12	19.13		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	19.5	0.0
30	QPSK	1	1	19.05	19.11	19.10		
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	19.5	0.0
25	QPSK	1	1	19.02	19.19	19.06		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	19.5	0.0
20	QPSK	1	1	19.08	19.15	19.09		
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	19.5	0.0
15	QPSK	1	1	19.01	19.16	19.10		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	19.5	0.0
10	QPSK	1	1	19.09	19.16	19.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.57		22.0	0.0
100	PI/2 BPSK	1	137		20.57			
100	PI/2 BPSK	1	271		20.49			
100	PI/2 BPSK	135	0		20.48		22.0	0.0
100	PI/2 BPSK	135	69		20.50		22.0	0.0
100	PI/2 BPSK	135	138		20.47		22.0	0.0
100	PI/2 BPSK	270	0		20.54			
100	QPSK	1	1		20.62		22.0	0.0
100	QPSK	1	137		20.61			
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.53		22.0	0.0
100	QPSK	135	69		20.78			
100	QPSK	135	138		20.47			
100	QPSK	270	0		20.73		22.0	0.0
100	16QAM	1	1		20.41		22.0	0.0
100	64QAM	1	1		20.75		22.0	0.0
100	256QAM	1	1		20.68		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
50	QPSK	1	1	20.74	20.61	20.65	22.0	0.0
Channel				632998	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3494.98	3499.98	35.02		
60	QPSK	1	1	20.67	20.52	20.46	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.59	20.53	20.52	22.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
80	QPSK	1	1	20.60	20.51	20.45	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.68	20.45	20.46	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.61	20.43	20.55	22.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.62	20.45	20.49	22.0	0.0
Channel				630664	633332	635652	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.64	20.47	20.53	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.52	3499.98	3540		
20	QPSK	1	1	20.56	20.47	20.56	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.64	20.41	20.46	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.62	20.42	20.47	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.93	21.25	21.17	23.0	0.0
100	PI/2 BPSK	1	137	20.91	21.27	21.08		
100	PI/2 BPSK	1	271	20.89	21.15	21.21		
100	PI/2 BPSK	135	0	21.04	21.28	21.09	23.0	0.0
100	PI/2 BPSK	135	69	20.88	20.95	21.11	23.0	0.0
100	PI/2 BPSK	135	138	21.03	21.25	21.16	23.0	0.0
100	PI/2 BPSK	270	0	20.99	21.05	21.22		
100	QPSK	1	1	20.93	21.14	21.28	23.0	0.0
100	QPSK	1	137	21.17	21.35	21.32		
100	QPSK	1	271	20.99	21.21	21.30		
100	QPSK	135	0	20.97	21.13	20.99	23.0	0.0
100	QPSK	135	69	21.18	21.33	21.26		
100	QPSK	135	138	21.07	21.25	21.23		
100	QPSK	270	0	21.12	21.30	21.23	23.0	0.0
100	16QAM	1	1	21.11	21.31	21.10	23.0	0.0
100	64QAM	1	1	20.91	21.12	21.10	23.0	0.0
100	256QAM	1	1	21.05	21.20	21.14	23.0	0.0
Channel				656668	656000	655332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3765.03	3840	3914.99		
90	QPSK	1	1	21.05	21.16	21.22	23.0	0.0
Channel				656334	656000	655666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3919.98		
80	QPSK	1	1	21.03	21.26	21.22	23.0	0.0
Channel				656000	656000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3945		
70	QPSK	1	1	21.00	21.18	21.24	23.0	0.0
Channel				655668	656000	655332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3840	3949.98		
60	QPSK	1	1	21.11	21.17	21.12	23.0	0.0
Channel				654334	655332	656334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.98	21.26	21.17	23.0	0.0
Channel				654000	655000	656000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.05	21.28	21.21	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.11	21.23	21.23	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.02	21.15	21.19	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.08	21.16	21.12	23.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.08	21.26	21.17	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.15	21.23	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		17.50		19.0	0.0
100	PI/2 BPSK	1	137		17.50			
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.46		19.0	0.0
100	PI/2 BPSK	135	69		17.36		19.0	0.0
100	PI/2 BPSK	135	138		17.36		19.0	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.55		19.0	0.0
100	QPSK	1	137		17.70			
100	QPSK	1	271		17.61			
100	QPSK	135	0		17.43		19.0	0.0
100	QPSK	135	69		17.68			
100	QPSK	135	138		17.46			
100	QPSK	270	0		17.55		19.0	0.0
100	16QAM	1	1		17.36		19.0	0.0
100	64QAM	1	1		17.61		19.0	0.0
100	256QAM	1	1		17.61		19.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3504.99		
90	QPSK	1	1	18.06	18.16	18.18	19.0	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3533		
80	QPSK	1	1	18.10	18.04	18.07	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	1	18.11	18.06	18.05	19.0	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	1	18.11	18.11	18.11	19.0	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	18.16	18.05	18.05	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	18.13	18.13	18.05	19.0	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	18.08	18.13	18.19	19.0	0.0
Channel				632654	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	18.13	18.08	18.04	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	18.06	18.16	18.06	19.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	18.15	18.12	18.09	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	18.18	18.15	18.11	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.08	18.43	18.33	20.0	0.0
100	PI/2 BPSK	1	137	18.08	18.35	18.28		
100	PI/2 BPSK	1	271	18.08	18.26	18.35		
100	PI/2 BPSK	135	0	18.21	18.35	18.29	20.0	0.0
100	PI/2 BPSK	135	69	18.07	18.13	18.31	20.0	0.0
100	PI/2 BPSK	135	138	18.10	18.34	18.27	20.0	0.0
100	PI/2 BPSK	270	0	18.08	18.20	18.28		
100	QPSK	1	1	18.03	18.23	18.40	20.0	0.0
100	QPSK	1	137	18.23	18.45	18.43		
100	QPSK	1	271	18.13	18.32	18.41		
100	QPSK	135	0	18.17	18.26	18.13	20.0	0.0
100	QPSK	135	69	18.20	18.43	18.34		
100	QPSK	135	138	18.19	18.41	18.33		
100	QPSK	270	0	18.09	18.31	18.17	20.0	0.0
100	16QAM	1	1	18.18	18.41	18.26	20.0	0.0
100	64QAM	1	1	18.10	18.26	18.27	20.0	0.0
100	256QAM	1	1	18.11	18.38	18.33	20.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.09	18.94	18.85	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.51	3840	3938.49		
80	QPSK	1	1	18.63	18.87	18.88	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.56	18.92	18.80	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.61	18.81	18.93	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.56	18.91	18.90	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.63	18.84	18.82	20.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.54	18.82	18.84	20.0	0.0
Channel				647332	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.62	18.88	18.79	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.57	18.87	18.92	20.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.56	18.88	18.89	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.63	18.89	18.87	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		20.79		22.0	0.0
100	PI/2 BPSK	1	137		20.79			
100	PI/2 BPSK	1	271		20.62			
100	PI/2 BPSK	135	0		20.77		22.0	0.0
100	PI/2 BPSK	135	69		20.74		22.0	0.0
100	PI/2 BPSK	135	138		20.78		22.0	0.0
100	PI/2 BPSK	270	0		20.76			
100	QPSK	1	1		20.82		22.0	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.91			
100	QPSK	135	0		20.83		22.0	0.0
100	QPSK	135	69		20.90			
100	QPSK	135	138		20.71			
100	QPSK	270	0		20.86		22.0	0.0
100	16QAM	1	1		20.75		22.0	0.0
100	64QAM	1	1		20.64		22.0	0.0
100	256QAM	1	1		20.11		21.5	0.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3504.99		
90	QPSK	1	1	20.82	20.85	20.84	22.0	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3533		
80	QPSK	1	1	20.74	20.75	20.70	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	1	20.63	20.78	20.75	22.0	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3466.98	3519.99		
60	QPSK	1	1	20.72	20.68	20.70	22.0	0.0
Channel				631332	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3466.98	3525		
50	QPSK	1	1	20.64	20.78	20.72	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	20.62	20.75	20.68	22.0	0.0
Channel				631666	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	20.71	20.73	20.69	22.0	0.0
Channel				632654	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	20.71	20.79	20.73	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	20.73	20.79	20.64	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	20.69	20.75	20.69	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	20.76	20.72	20.66	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.08	21.00	21.14	22.5	0.0
100	PI/2 BPSK	1	137	21.18	20.83	21.35		
100	PI/2 BPSK	1	271	21.05	20.87	21.23		
100	PI/2 BPSK	135	0	20.97	20.88	21.13	22.5	0.0
100	PI/2 BPSK	135	69	21.11	20.98	21.10	22.5	0.0
100	PI/2 BPSK	135	138	21.08	20.89	21.09	22.5	0.0
100	PI/2 BPSK	270	0	21.20	20.97	21.15		
100	QPSK	1	1	21.24	20.94	21.22	22.5	0.0
100	QPSK	1	137	21.37	21.07	21.41		
100	QPSK	1	271	21.34	20.91	21.34		
100	QPSK	135	0	21.16	21.08	21.18	22.5	0.0
100	QPSK	135	69	21.28	21.13	21.36		
100	QPSK	135	138	21.10	21.01	21.12		
100	QPSK	270	0	21.12	21.10	21.32	22.5	0.0
100	16QAM	1	1	21.11	20.99	21.22	22.5	0.0
100	64QAM	1	1	21.02	20.90	21.15	22.5	0.0
100	256QAM	1	1	20.72	20.82	20.89	22.0	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.17	20.97	21.25	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.51	3840	3938.49		
80	QPSK	1	1	21.25	20.99	21.27	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.19	21.09	21.22	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.22	21.03	21.33	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.31	21.09	21.23	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.19	21.04	21.23	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.21	21.03	21.23	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.29	20.98	21.23	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.28	21.05	21.24	22.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.29	21.09	21.23	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.21	20.99	21.35	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.72		19.0	0.0
100	PI/2 BPSK	1	137		17.64			
100	PI/2 BPSK	1	271		17.60			
100	PI/2 BPSK	135	0		17.72		19.0	0.0
100	PI/2 BPSK	135	69		17.74		19.0	0.0
100	PI/2 BPSK	135	138		17.75		19.0	0.0
100	PI/2 BPSK	270	0		17.79			
100	QPSK	1	1		17.78		19.0	0.0
100	QPSK	1	137		17.92			
100	QPSK	1	271		17.91			
100	QPSK	135	0		17.83		19.0	0.0
100	QPSK	135	69		17.86			
100	QPSK	135	138		17.73			
100	QPSK	270	0		17.82		19.0	0.0
100	16QAM	1	1		17.75		19.0	0.0
100	64QAM	1	1		17.69		19.0	0.0
100	256QAM	1	1		17.56		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
50	QPSK	1	1	17.63	17.72	17.77	19.0	0.0
Channel				632998	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.82	3499.98	3535.2		
60	QPSK	1	1	17.61	17.77	17.73	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	17.72	17.73	17.81	19.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.99		
60	QPSK	1	1	17.72	17.69	17.80	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.72	17.74	17.76	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.77	17.65	17.83	19.0	0.0
Channel				631666	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.72	17.76	17.72	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.80	17.67	17.78	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.32	3499.98	3540		
20	QPSK	1	1	17.72	17.65	17.74	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.81	17.67	17.76	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.72	17.70	17.83	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	656000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.10	18.06	18.11	19.5	0.0
100	PI/2 BPSK	1	137	18.26	17.91	18.30		
100	PI/2 BPSK	1	271	18.03	17.89	18.21		
100	PI/2 BPSK	135	0	18.06	17.92	18.20	19.5	0.0
100	PI/2 BPSK	135	69	18.12	18.01	18.17	19.5	0.0
100	PI/2 BPSK	135	138	18.13	17.89	18.16	19.5	0.0
100	PI/2 BPSK	270	0	18.15	17.89	18.20		
100	QPSK	1	1	18.32	17.92	18.30	19.5	0.0
100	QPSK	1	137	18.34	18.14	18.43		
100	QPSK	1	271	18.34	17.96	18.29		
100	QPSK	135	0	18.18	18.04	18.27	19.5	0.0
100	QPSK	135	69	18.19	18.10	18.28		
100	QPSK	135	138	18.11	17.96	18.17		
100	QPSK	270	0	18.09	17.97	18.26	19.5	0.0
100	16QAM	1	1	18.18	18.01	18.20	19.5	0.0
100	64QAM	1	1	18.08	17.97	18.13	19.5	0.0
100	256QAM	1	1	18.04	17.83	18.07	19.5	0.0
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.19	18.06	18.24	19.5	0.0
Channel				646334	656000	665666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3840	3938.01		
80	QPSK	1	1	18.21	18.00	18.26	19.5	0.0
Channel				646000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.19	18.07	18.34	19.5	0.0
Channel				646668	656000	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.18	18.02	18.30	19.5	0.0
Channel				646334	656000	665666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.29	17.96	18.27	19.5	0.0
Channel				646000	656000	666000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.16	18.01	18.30	19.5	0.0
Channel				645668	656000	666332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.17	18.10	18.27	19.5	0.0
Channel				645500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.17	17.98	18.30	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3709.01	3840	3969.99		
20	QPSK	1	1	18.22	18.02	18.33	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.29	18.06	18.34	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.25	18.08	18.25	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	0		25.00		26.5	0.0
100	PI/2 BPSK	1	137		25.00			
100	PI/2 BPSK	1	271		24.68			
100	PI/2 BPSK	135	0		24.56		26.0	0.5
100	PI/2 BPSK	135	69		24.96		26.5	0.0
100	PI/2 BPSK	135	138		24.52		26.0	0.5
100	PI/2 BPSK	270	0		24.56			
100	QPSK	1	0		25.00		26.5	0.0
100	QPSK	1	137		25.02			
100	QPSK	1	271		24.57			
100	QPSK	135	0		24.07		26.5	0.0
100	QPSK	135	69		24.99			
100	QPSK	135	138		23.89			
100	QPSK	270	0		24.05		25.5	1.0
100	16QAM	1	1		24.25		25.5	1.0
100	64QAM	1	1		22.95		24.0	2.5
100	256QAM	1	1		20.86		22.0	4.5
	Channel			630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3450	3466.98	3484.98		
90	QPSK	1	1	24.83	24.97	23.93	26.5	0.0
	Channel			630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3468.02	3466.98	3532		
80	QPSK	1	1	24.88	24.93	23.93	26.5	0.0
	Channel			632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465.01	3466.98	3514.98		
70	QPSK	1	1	24.83	24.94	23.98	26.5	0.0
	Channel			633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3466.98	3519.98		
60	QPSK	1	1	24.91	24.93	23.91	26.5	0.0
	Channel			631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3466.98	3525		
50	QPSK	1	1	24.90	24.89	23.89	26.5	0.0
	Channel			631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3466.98	3529.98		
40	QPSK	1	1	24.88	24.93	23.92	26.5	0.0
	Channel			631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3466.98	3534.98		
30	QPSK	1	1	24.85	24.97	23.97	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3462.51	3466.98	3537.48		
25	QPSK	1	1	24.87	24.94	23.93	26.5	0.0
	Channel			630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3466.98	3540		
20	QPSK	1	1	24.90	24.92	23.96	26.5	0.0
	Channel			630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3466.98	3542.46		
15	QPSK	1	1	24.88	24.92	23.91	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3466.98	3544.98		
10	QPSK	1	1	24.88	24.96	23.94	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	0		25.38		26.5	0.0
100	PI/2 BPSK	1	137		25.32			
100	PI/2 BPSK	1	271		25.17			
100	PI/2 BPSK	135	0		25.32		26.0	0.5
100	PI/2 BPSK	135	69		25.31		26.5	0.0
100	PI/2 BPSK	135	138		25.37		26.0	0.5
100	PI/2 BPSK	270	0		25.29			
100	QPSK	1	0		25.40		26.5	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.16			
100	QPSK	135	0		25.28		26.5	0.0
100	QPSK	135	69		25.36			
100	QPSK	135	138		25.34			
100	QPSK	270	0		24.45		25.5	1.0
100	16QAM	1	1		24.41		25.5	1.0
100	64QAM	1	1		23.47		24.0	2.5
100	256QAM	1	1		21.31		22.0	4.5
	Channel			649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	25.27	25.32	24.32	26.5	0.0
	Channel			649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3741.51	3750	3758.49		
80	QPSK	1	1	25.27	25.30	24.30	26.5	0.0
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	25.31	25.34	24.35	26.5	0.0
	Channel			648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	25.24	25.33	24.29	26.5	0.0
	Channel			648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	25.23	25.36	24.29	26.5	0.0
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	25.24	25.31	24.29	26.5	0.0
	Channel			647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3784.98		
30	QPSK	1	1	25.30	25.37	24.36	25.5	0.0
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3750	3787.5		
25	QPSK	1	1	25.24	25.30	24.35	26.5	0.0
	Channel			647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	25.25	25.30	24.38	26.5	0.0
	Channel			647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	25.24	25.38	24.34	26.5	0.0
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	25.30	25.31	24.32	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3466.98			
100	PI/2 BPSK	1	0		21.85		23.5	0.0
100	PI/2 BPSK	1	137		22.00			
100	PI/2 BPSK	1	271		21.93			
100	PI/2 BPSK	135	0		21.76		23.5	0.0
100	PI/2 BPSK	135	69		21.78		23.5	0.0
100	PI/2 BPSK	135	138		21.81		23.5	0.0
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	0		21.95		23.5	0.0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.90		23.5	0.0
100	QPSK	135	69		21.93			
100	QPSK	135	138		21.88			
100	QPSK	270	0		21.90		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		21.75		23.5	0.0
100	256QAM	1	1		20.86		22.0	1.5
	Channel			630000	633332	636668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3450	3466.98	3484.98		
90	QPSK	1	1	21.87	21.94	21.89	23.5	0.0
	Channel			630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3468.02	3466.98	3532		
80	QPSK	1	1	21.94	21.94	21.82	23.5	0.0
	Channel			632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465.01	3466.98	3514.98		
70	QPSK	1	1	21.95	21.93	21.90	23.5	0.0
	Channel			633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3466.98	3519.98		
60	QPSK	1	1	21.89	22.01	21.83	23.5	0.0
	Channel			631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3466.98	3525		
50	QPSK	1	1	21.89	21.93	21.83	23.5	0.0
	Channel			631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3466.98	3529.98		
40	QPSK	1	1	21.88	21.99	21.82	23.5	0.0
	Channel			631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3466.98	3534.98		
30	QPSK	1	1	21.89	22.01	21.82	23.0	0.0
	Channel			630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3462.51	3466.98	3537.48		
25	QPSK	1	1	21.94	21.98	21.89	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3466.98	3540		
20	QPSK	1	1	21.89	21.97	21.90	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3466.98	3542.46		
15	QPSK	1	1	21.90	21.94	21.85	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3466.98	3544.98		
10	QPSK	1	1	21.91	21.96	21.89	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	0		22.33		23.5	0.0
100	PI/2 BPSK	1	137		22.29			
100	PI/2 BPSK	1	271		22.07			
100	PI/2 BPSK	135	0		22.25		23.5	0.0
100	PI/2 BPSK	135	69		22.26		23.5	0.0
100	PI/2 BPSK	135	138		22.22		23.5	0.0
100	PI/2 BPSK	270	0		22.21			
100	QPSK	1	0		22.18		23.5	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.24		23.5	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.26			
100	QPSK	270	0		22.27		23.5	0.0
100	16QAM	1	1		22.31		23.5	0.0
100	64QAM	1	1		22.35		23.5	0.0
100	256QAM	1	1		21.31		22.0	1.5
	Channel			649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	22.26	22.25	22.18	23.5	0.0
	Channel			649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3741.51	3750	3758.49		
80	QPSK	1	1	22.21	22.34	22.19	23.5	0.0
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	22.26	22.27	22.23	23.5	0.0
	Channel			648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	22.22	22.28	22.21	23.5	0.0
	Channel			648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	22.23	22.32	22.18	23.5	0.0
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	22.20	22.33	22.18	23.5	0.0
	Channel			647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3784.98		
30	QPSK	1	1	22.22	22.28	22.17	23.5	0.0
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3750	3787.5		
25	QPSK	1	1	22.26	22.27	22.24	23.5	0.0
	Channel			647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	22.26	22.32	22.22	23.5	0.0
	Channel			647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	22.20	22.31	22.20	23.5	0.0
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	22.28	22.34	22.18	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.94		23.5	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.87			
100	PI/2 BPSK	135	0		22.89		23.5	0.0
100	PI/2 BPSK	135	69		22.98		23.5	0.0
100	PI/2 BPSK	135	138		23.01		23.5	0.0
100	PI/2 BPSK	270	0		22.97			
100	QPSK	1	1		22.91		23.5	0.0
100	QPSK	1	137		23.12			
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.91		23.5	0.0
100	QPSK	135	69		23.10			
100	QPSK	135	138		22.91			
100	QPSK	270	0		23.08		23.5	0.0
100	16QAM	1	1		22.93		23.5	0.0
100	64QAM	1	1		22.90		23.5	0.0
100	256QAM	1	1		22.32		22.5	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.94	22.95	22.92	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3507	(dBm)	(dB)
80	QPSK	1	1	22.77	22.81	22.80	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3490.01	3499.98	3510.98	(dBm)	(dB)
70	QPSK	1	1	22.88	22.84	22.75	23.5	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3510.99	(dBm)	(dB)
60	QPSK	1	1	22.77	22.78	22.73	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.84	22.88	22.82	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.75	22.84	22.86	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.83	22.89	22.73	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.84	22.89	22.72	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3450.02	3499.98	3549	(dBm)	(dB)
20	QPSK	1	1	22.85	22.84	22.74	23.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.76	22.86	22.81	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3445.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.80	22.88	22.73	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.20		23.5	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		23.09		23.5	0.0
100	PI/2 BPSK	135	69		23.12		23.5	0.0
100	PI/2 BPSK	135	138		23.12		23.5	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.16		23.5	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		23.15			
100	QPSK	135	0		23.22		23.5	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.15			
100	QPSK	270	0		23.18		23.5	0.0
100	16QAM	1	1		22.97		23.5	0.0
100	64QAM	1	1		23.16		23.5	0.0
100	256QAM	1	1		22.50		22.5	1.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.12	23.10	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3741.51	3750	3758.49	(dBm)	(dB)
80	QPSK	1	1	22.86	22.92	22.96	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.87	23.02	23.03	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.97	22.94	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.94	22.96	23.02	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.91	22.96	22.91	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.97	22.98	22.92	23.5	0.0
Channel				647001	650000	652999	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.86	23.01	23.04	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.91	22.92	22.90	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.94	23.04	22.95	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.94	22.94	23.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.88			
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.90		20.5	0.0
100	PI/2 BPSK	135	69		19.88		20.5	0.0
100	PI/2 BPSK	135	138		19.94		20.5	0.0
100	PI/2 BPSK	270	0		19.83			
100	QPSK	1	1		19.90		20.5	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.01			
100	QPSK	135	0		19.81		20.5	0.0
100	QPSK	135	69		19.95			
100	QPSK	135	138		19.83			
100	QPSK	270	0		19.97		20.5	0.0
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.84		20.5	0.0
100	256QAM	1	1		19.66		20.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.01	19.96	20.00	20.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3507	(dBm)	(dB)
80	QPSK	1	1	19.99	19.98	19.97	20.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3490.01	3499.98	3510.98	(dBm)	(dB)
70	QPSK	1	1	19.87	19.95	19.90	20.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.90	19.87	19.96	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.96	19.95	19.88	20.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.97	19.99	19.90	20.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.99	19.89	20.01	20.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.98	19.98	19.93	20.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.01	19.91	19.88	20.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.99	20.01	19.94	20.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.90	19.99	19.94	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.17		20.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.13		20.5	0.0
100	PI/2 BPSK	135	69		20.15		20.5	0.0
100	PI/2 BPSK	135	138		20.17		20.5	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.23		20.5	0.0
100	QPSK	1	137		20.28			
100	QPSK	1	271		20.18			
100	QPSK	135	0		20.19		20.5	0.0
100	QPSK	135	69		20.21			
100	QPSK	135	138		20.17			
100	QPSK	270	0		20.11		20.5	0.0
100	16QAM	1	1		20.07		20.5	0.0
100	64QAM	1	1		20.12		20.5	0.0
100	256QAM	1	1		20.00		20.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.22	20.26	20.19	20.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3741.51	3750	3758.49	(dBm)	(dB)
80	QPSK	1	1	20.15	20.20	20.26	20.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.14	20.13	20.27	20.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.21	20.13	20.26	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.14	20.24	20.21	20.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.19	20.14	20.24	20.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.26	20.25	20.18	20.5	0.0
Channel				647001	650000	652999	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.22	20.19	20.13	20.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.16	20.25	20.18	20.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.20	20.20	20.18	20.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.25	20.25	20.18	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	0		20.57		22.0	0.0
100	PI/2 BPSK	1	137		20.56			
100	PI/2 BPSK	1	271		20.36			
100	PI/2 BPSK	135	0		20.52		22.0	0.0
100	PI/2 BPSK	135	69		20.46		22.0	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.0
100	PI/2 BPSK	270	0		20.39			
100	QPSK	1	0		20.55		22.0	0.0
100	QPSK	1	137		20.72			
100	QPSK	1	271		20.59			
100	QPSK	135	0		20.42		22.0	0.0
100	QPSK	135	69		20.68			
100	QPSK	135	138		20.43			
100	QPSK	270	0		20.86		22.0	0.0
100	16QAM	1	1		20.44		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		20.38		22.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.60	20.60	20.56	22.0	0.0
Channel				633666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.33	3499.98	3504.99		
80	QPSK	1	1	20.49	20.47	20.44	22.0	0.0
Channel				633334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.49	20.46	20.39	22.0	0.0
Channel				633000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.47	20.45	20.47	22.0	0.0
Channel				631768	633332	634732	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.49	20.44	20.35	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.54	20.43	20.44	22.0	0.0
Channel				631666	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.53	20.41	20.43	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.42	20.48	20.50	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.45	20.41	20.41	22.0	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.50	20.53	20.44	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.54	20.44	20.37	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	0		21.34		22.5	0.0
100	PI/2 BPSK	1	137		21.33			
100	PI/2 BPSK	1	271		21.29			
100	PI/2 BPSK	135	0		21.25		22.5	0.0
100	PI/2 BPSK	135	69		21.31		22.5	0.0
100	PI/2 BPSK	135	138		21.32		22.5	0.0
100	PI/2 BPSK	270	0		21.27			
100	QPSK	1	0		21.21		22.5	0.0
100	QPSK	1	137		21.43			
100	QPSK	1	271		21.41			
100	QPSK	135	0		21.24		22.5	0.0
100	QPSK	135	69		21.40			
100	QPSK	135	138		21.31			
100	QPSK	270	0		21.38		22.5	0.0
100	16QAM	1	1		21.36		22.5	0.0
100	64QAM	1	1		21.30		22.5	0.0
100	256QAM	1	1		21.03		22.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.52	3750	3754.99		
90	QPSK	1	1	21.27	21.24	21.32	22.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.01	3750	3758.04		
80	QPSK	1	1	21.13	21.07	21.19	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.21	21.12	21.19	22.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.17	21.10	21.22	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.08	21.16	21.20	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.15	21.16	21.25	22.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	21.10	21.07	21.12	22.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.17	21.17	21.13	22.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.96		
20	QPSK	1	1	21.18	21.11	21.19	22.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.15	21.13	21.13	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.19	21.06	21.13	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.60		19.0	0.0
100	PI/2 BPSK	1	137		17.54			
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.50		19.0	0.0
100	PI/2 BPSK	135	69		17.48		19.0	0.0
100	PI/2 BPSK	135	138		17.53		19.0	0.0
100	PI/2 BPSK	270	0		17.45			
100	QPSK	1	1		17.60		19.0	0.0
100	QPSK	1	137		17.69			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.41		19.0	0.0
100	QPSK	135	69		17.60			
100	QPSK	135	138		17.50			
100	QPSK	270	0		17.54		19.0	0.0
100	16QAM	1	1		17.52		19.0	0.0
100	64QAM	1	1		17.51		19.0	0.0
100	256QAM	1	1		17.47		19.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3497	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.52	17.58	17.57	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3490.98	3502	(dBm)	(dB)
80	QPSK	1	1	17.54	17.61	17.51	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.61	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.59	17.65	17.55	19.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.59	17.58	17.49	19.0	0.0
Channel				631334	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.53	17.59	17.50	19.0	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.55	17.67	17.50	19.0	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.61	17.62	17.57	19.0	0.0
Channel				630334	633332	630332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.57	17.62	17.54	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3490.98	3520	(dBm)	(dB)
20	QPSK	1	1	17.53	17.65	17.57	19.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3447.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.53	17.58	17.56	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.61	17.66	17.51	19.0	0.0

Part27O n78_PC3_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34		19.5	0.0
100	PI/2 BPSK	1	137		18.33			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.32		19.5	0.0
100	PI/2 BPSK	135	69		18.35		19.5	0.0
100	PI/2 BPSK	135	138		18.33		19.5	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.23		19.5	0.0
100	QPSK	1	137		18.44			
100	QPSK	1	271		18.41			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.38			
100	QPSK	135	138		18.37			
100	QPSK	270	0		18.32		19.5	0.0
100	16QAM	1	1		18.36		19.5	0.0
100	64QAM	1	1		18.32		19.5	0.0
100	256QAM	1	1		18.11		19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.52	3750	3753.48	(dBm)	(dB)
90	QPSK	1	1	18.31	18.40	18.33	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3757.99	(dBm)	(dB)
80	QPSK	1	1	18.36	18.43	18.25	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3739	3750	3761	(dBm)	(dB)
70	QPSK	1	1	18.36	18.41	18.28	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	18.30	18.41	18.25	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.34	18.37	18.34	19.5	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.32	18.38	18.30	19.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.30	18.38	18.33	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.29	18.40	18.29	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.31	18.40	18.28	19.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.31	18.41	18.34	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.31	18.41	18.26	19.5	0.0

Part27Q n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.35		22.0	0.0
100	PI/2 BPSK	1	137		20.52			
100	PI/2 BPSK	1	271		20.43			
100	PI/2 BPSK	135	0		20.42		22.0	0.0
100	PI/2 BPSK	135	69		20.33		22.0	0.0
100	PI/2 BPSK	135	138		20.38		22.0	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.39		22.0	0.0
100	QPSK	1	137		20.56			
100	QPSK	1	271		20.45			
100	QPSK	135	0		20.46		22.0	0.0
100	QPSK	135	69		20.53			
100	QPSK	135	138		20.45			
100	QPSK	270	0		20.50		22.0	0.0
100	16QAM	1	1		20.46		22.0	0.0
100	64QAM	1	1		20.39		22.0	0.0
100	256QAM	1	1		20.42		22.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3497	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.39	20.41	20.40	22.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3490.98	3502	(dBm)	(dB)
80	QPSK	1	1	20.30	20.28	20.27	22.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3465.61	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.19	20.29	20.24	22.0	0.0
Channel				633000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.28	20.31	20.28	22.0	0.0
Channel				631668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.32	20.28	20.34	22.0	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.31	20.27	20.29	22.0	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.22	20.25	20.34	22.0	0.0
Channel				630834	633332	630832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.31	20.35	20.22	22.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3490.98	3520	(dBm)	(dB)
20	QPSK	1	1	20.33	20.21	20.21	22.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.22	20.32	20.34	22.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.19	20.32	20.33	22.0	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.83		22.5	0.0
100	PI/2 BPSK	1	137		20.74			
100	PI/2 BPSK	1	271		20.81			
100	PI/2 BPSK	135	0		20.87		22.5	0.0
100	PI/2 BPSK	135	69		20.69		22.5	0.0
100	PI/2 BPSK	135	138		20.92		22.5	0.0
100	PI/2 BPSK	270	0		20.80			
100	QPSK	1	1		20.86		22.5	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		20.92			
100	QPSK	135	0		20.77		22.5	0.0
100	QPSK	135	69		20.93			
100	QPSK	135	138		20.72			
100	QPSK	270	0		20.91		22.5	0.0
100	16QAM	1	1		20.92		22.5	0.0
100	64QAM	1	1		20.95		22.5	0.0
100	256QAM	1	1		20.85		22.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.52	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.76	20.80	20.86	22.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3743.01	3750	3756.99	(dBm)	(dB)
80	QPSK	1	1	20.81	20.84	20.71	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3739	3750	3761	(dBm)	(dB)
70	QPSK	1	1	20.66	20.64	20.75	22.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3750	3765.98	(dBm)	(dB)
60	QPSK	1	1	20.63	20.69	20.68	22.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.69	20.63	20.74	22.5	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.57	20.69	20.75	22.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.79	20.61	20.78	22.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	20.61	20.72	20.73	22.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.61	20.61	20.77	22.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	20.57	20.64	20.71	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.67	20.74	20.71	22.5	0.0

Part27Q n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.25		19.0	0.0
100	PI/2 BPSK	1	137		17.37			
100	PI/2 BPSK	1	271		17.28			
100	PI/2 BPSK	135	0		17.32		19.0	0.0
100	PI/2 BPSK	135	69		17.20		19.0	0.0
100	PI/2 BPSK	135	138		17.36		19.0	0.0
100	PI/2 BPSK	270	0		17.24			
100	QPSK	1	1		17.36		19.0	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.34			
100	QPSK	135	0		17.37		19.0	0.0
100	QPSK	135	69		17.41			
100	QPSK	135	138		17.31			
100	QPSK	270	0		17.29		19.0	0.0
100	16QAM	1	1		17.43		19.0	0.0
100	64QAM	1	1		17.27		19.0	0.0
100	256QAM	1	1		17.29		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	17.42	17.39	17.33	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.02	3499.98	3568		
80	QPSK	1	1	17.39	17.34	17.34	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400.01	3499.98	3514.98		
70	QPSK	1	1	17.45	17.33	17.44	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400	3499.98	3519.99		
60	QPSK	1	1	17.35	17.33	17.34	19.0	0.0
Channel				631668	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.37	17.35	17.34	19.0	0.0
Channel				631334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.43	17.40	17.37	19.0	0.0
Channel				631666	633332	634998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.34	17.35	17.43	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3402.51	3499.98	3597.48		
25	QPSK	1	1	17.46	17.40	17.46	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3402.52	3499.98	3600		
20	QPSK	1	1	17.34	17.40	17.46	19.0	0.0
Channel				630000	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3417.5	3499.98	3582.49		
15	QPSK	1	1	17.42	17.40	17.37	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400.01	3499.98	3564.98		
10	QPSK	1	1	17.39	17.40	17.43	19.0	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.83		19.5	0.0
100	PI/2 BPSK	1	137		17.74			
100	PI/2 BPSK	1	271		17.81			
100	PI/2 BPSK	135	0		17.87		19.5	0.0
100	PI/2 BPSK	135	69		17.69		19.5	0.0
100	PI/2 BPSK	135	138		17.92		19.5	0.0
100	PI/2 BPSK	270	0		17.80			
100	QPSK	1	1		17.86		19.5	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.82			
100	QPSK	135	0		17.77		19.5	0.0
100	QPSK	135	69		17.93			
100	QPSK	135	138		17.72			
100	QPSK	270	0		17.91		19.5	0.0
100	16QAM	1	1		17.92		19.5	0.0
100	64QAM	1	1		17.95		19.5	0.0
100	256QAM	1	1		17.95		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.89	17.90	17.88	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.51	3750	3758.49		
80	QPSK	1	1	17.92	17.92	17.85	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732	3750	3768		
70	QPSK	1	1	17.94	17.82	17.89	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.94	17.91	17.87	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.91	17.83	17.84	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.90	17.91	17.93	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.82	17.90	17.93	19.5	0.0
Channel				647300	650000	652700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	17.86	17.87	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.80	17.80	17.81	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.93	17.94	17.91	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.86	17.80	17.82	19.5	0.0

Reduced Power for DSI 4 ENDC NR_Main PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.21	14.24	14.27		
50	PI/2 BPSK	1	135	14.23	14.35	14.32	16.0	0.0
50	PI/2 BPSK	1	268	14.24	14.28	14.25		
50	PI/2 BPSK	135	0	14.31	14.36	14.23	16.0	0.0
50	PI/2 BPSK	135	68	14.29	14.28	14.24	16.0	0.0
50	PI/2 BPSK	135	135	14.19	14.25	14.17	16.0	0.0
50	PI/2 BPSK	270	0	14.30	14.23	14.24		
50	QPSK	1	1	14.32	14.42	14.31		
50	QPSK	1	135	14.19	14.29	14.22	16.0	0.0
50	QPSK	1	268	14.29	14.32	14.29		
50	QPSK	135	0	14.24	14.33	14.24	16.0	0.0
50	QPSK	135	68	14.28	14.40	14.29	16.0	0.0
50	QPSK	135	135	14.24	14.30	14.27	16.0	0.0
50	QPSK	270	0	14.32	14.36	14.33		
50	16QAM	1	1	14.38	14.40	14.32	16.0	0.0
50	64QAM	1	1	14.34	14.30	14.35	16.0	0.0
50	256QAM	1	1	14.32	14.33	14.37	16.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	14.27	14.39	14.20	16.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	14.28	14.31	14.21	16.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	14.20	14.34	14.21	16.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	14.27	14.35	14.21	16.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	14.18	14.38	14.17	16.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	14.20	14.37	14.16	16.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	14.28	14.36	14.27	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.28	17.31	17.27		
50	PI/2 BPSK	1	135	17.26	17.34	17.26	18.5	0.0
50	PI/2 BPSK	1	268	17.33	17.36	17.28		
50	PI/2 BPSK	135	0	17.28	17.40	17.28	18.5	0.0
50	PI/2 BPSK	135	68	17.25	17.38	17.31	18.5	0.0
50	PI/2 BPSK	135	135	17.33	17.39	17.35	18.5	0.0
50	PI/2 BPSK	270	0	17.26	17.39	17.33		
50	QPSK	1	1	17.40	17.51	17.39		
50	QPSK	1	135	17.37	17.47	17.34	18.5	0.0
50	QPSK	1	268	17.38	17.47	17.29		
50	QPSK	135	0	17.32	17.39	17.36	18.5	0.0
50	QPSK	135	68	17.37	17.41	17.38	18.5	0.0
50	QPSK	135	135	17.35	17.38	17.31	18.5	0.0
50	QPSK	270	0	17.32	17.40	17.23		
50	16QAM	1	1	17.30	17.32	17.26	18.5	0.0
50	64QAM	1	1	17.33	17.39	17.37	18.5	0.0
50	256QAM	1	1	17.33	17.38	17.24	18.0	0.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	17.26	17.44	17.36	18.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.32	17.50	17.27	18.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.34	17.36	17.25	18.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	17.35	17.44	17.26	18.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.32	17.45	17.32	18.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.36	17.46	17.35	18.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.29	17.45	17.26	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.83	14.83	14.77		
50	PI/2 BPSK	1	135	14.84	14.82	14.88	16.5	0.0
50	PI/2 BPSK	1	268	14.81	14.87	14.81		
50	PI/2 BPSK	135	0	14.84	14.72	14.86	16.5	0.0
50	PI/2 BPSK	135	68	14.89	14.76	14.78	16.5	0.0
50	PI/2 BPSK	135	135	14.91	14.83	14.84	16.5	0.0
50	PI/2 BPSK	270	0	14.76	14.83	14.80		
50	QPSK	1	1	14.91	14.98	14.83		
50	QPSK	1	135	14.86	14.88	14.76	16.5	0.0
50	QPSK	1	268	14.80	14.87	14.75		
50	QPSK	135	0	14.82	14.83	14.79	16.5	0.0
50	QPSK	135	68	14.86	14.92	14.81	16.5	0.0
50	QPSK	135	135	14.83	14.76	14.77	16.5	0.0
50	QPSK	270	0	14.86	14.88	14.78		
50	16QAM	1	1	14.88	14.94	14.93	16.5	0.0
50	64QAM	1	1	14.93	14.83	14.89	16.5	0.0
50	256QAM	1	1	14.87	14.97	14.92	16.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	14.80	14.88	14.82	16.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	14.82	14.95	14.74	16.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	14.80	14.84	14.82	16.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	14.83	14.88	14.73	16.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	14.79	14.97	14.79	16.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	14.86	14.94	14.76	16.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	14.77	14.90	14.72	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.26	15.24	15.11		
50	PI/2 BPSK	1	135	15.13	15.27	15.17	16.5	0.0
50	PI/2 BPSK	1	268	15.25	15.15	15.11		
50	PI/2 BPSK	135	0	15.16	15.21	15.18	16.5	0.0
50	PI/2 BPSK	135	68	15.25	15.15	15.19	16.5	0.0
50	PI/2 BPSK	135	135	15.15	15.17	15.07	16.5	0.0
50	PI/2 BPSK	270	0	15.19	15.16	15.15		
50	QPSK	1	1	15.34	15.36	15.29		
50	QPSK	1	135	15.21	15.25	15.18	16.5	0.0
50	QPSK	1	268	15.14	15.20	15.16		
50	QPSK	135	0	15.20	15.19	15.20	16.5	0.0
50	QPSK	135	68	15.26	15.34	15.23	16.5	0.0
50	QPSK	135	135	15.20	15.20	15.19	16.5	0.0
50	QPSK	270	0	15.29	15.31	15.25		
50	16QAM	1	1	15.21	15.32	15.27	16.5	0.0
50	64QAM	1	1	15.29	15.22	15.27	16.5	0.0
50	256QAM	1	1	15.21	15.32	15.26	16.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	1	15.32	15.24	15.24	16.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	15.21	15.28	15.24	16.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	15.23	15.33	15.24	16.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	15.27	15.31	15.33	16.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	15.27	15.23	15.25	16.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	15.25	15.27	15.34	16.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	15.25	15.29	15.26	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	12.40	12.45	12.32	14.0	0.0
40	PI/2 BPSK	1	108	12.32	12.33	12.31		
40	PI/2 BPSK	1	214	12.44	12.47	12.28		
40	PI/2 BPSK	108	0	12.43	12.40	12.27	14.0	0.0
40	PI/2 BPSK	108	54	12.43	12.44	12.21	14.0	0.0
40	PI/2 BPSK	108	108	12.34	12.45	12.25	14.0	0.0
40	PI/2 BPSK	216	0	12.32	12.38	12.20		
40	QPSK	1	1	12.46	12.52	12.32	14.0	0.0
40	QPSK	1	108	12.36	12.38	12.20		
40	QPSK	1	214	12.41	12.38	12.30		
40	QPSK	108	0	12.30	12.45	12.21	14.0	0.0
40	QPSK	108	54	12.45	12.48	12.30	14.0	0.0
40	QPSK	108	108	12.43	12.33	12.25	14.0	0.0
40	QPSK	216	0	12.43	12.47	12.41		
40	16QAM	1	1	12.40	12.46	12.27	14.0	0.0
40	64QAM	1	1	12.41	12.45	12.37	14.0	0.0
40	256QAM	1	1	12.44	12.46	12.35	14.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1746	1765		
30	QPSK	1	1	12.19	12.19	12.10	14.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	12.22	12.22	12.02	14.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	12.17	12.30	12.04	14.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	12.18	12.28	12.06	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	12.19	12.31	12.01	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	12.24	12.18	12.00	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.39	16.48	16.35	18.0	0.0
40	PI/2 BPSK	1	108	16.42	16.47	16.39		
40	PI/2 BPSK	1	214	16.44	16.38	16.44		
40	PI/2 BPSK	108	0	16.37	16.38	16.36	18.0	0.0
40	PI/2 BPSK	108	54	16.35	16.47	16.34	18.0	0.0
40	PI/2 BPSK	108	108	16.36	16.43	16.36	18.0	0.0
40	PI/2 BPSK	216	0	16.33	16.43	16.37		
40	QPSK	1	1	16.52	16.64	16.49	18.0	0.0
40	QPSK	1	108	16.38	16.62	16.45		
40	QPSK	1	214	16.39	16.53	16.35		
40	QPSK	108	0	16.40	16.48	16.44	18.0	0.0
40	QPSK	108	54	16.45	16.51	16.47	18.0	0.0
40	QPSK	108	108	16.40	16.39	16.41	18.0	0.0
40	QPSK	216	0	16.37	16.46	16.42		
40	16QAM	1	1	16.37	16.41	16.41	18.0	0.0
40	64QAM	1	1	16.32	16.48	16.42	18.0	0.0
40	256QAM	1	1	16.39	16.40	16.41	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	16.40	16.50	16.36	18.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.44	16.50	16.38	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.40	16.55	16.46	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.40	16.61	16.40	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.42	16.54	16.40	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.38	16.60	16.47	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.64	15.69	15.64	17.5	0.0
40	PI/2 BPSK	1	108	15.53	15.68	15.54		
40	PI/2 BPSK	1	214	15.57	15.68	15.50		
40	PI/2 BPSK	108	0	15.59	15.60	15.60	17.5	0.0
40	PI/2 BPSK	108	54	15.50	15.66	15.62	17.5	0.0
40	PI/2 BPSK	108	108	15.62	15.61	15.53	17.5	0.0
40	PI/2 BPSK	216	0	15.55	15.69	15.59		
40	QPSK	1	1	15.71	15.75	15.67	17.5	0.0
40	QPSK	1	108	15.60	15.59	15.60		
40	QPSK	1	214	15.52	15.56	15.60		
40	QPSK	108	0	15.60	15.56	15.61	17.5	0.0
40	QPSK	108	54	15.69	15.72	15.63	17.5	0.0
40	QPSK	108	108	15.59	15.61	15.54	17.5	0.0
40	QPSK	216	0	15.66	15.70	15.68		
40	16QAM	1	1	15.72	15.69	15.72	17.5	0.0
40	64QAM	1	1	15.73	15.71	15.67	17.5	0.0
40	256QAM	1	1	15.67	15.68	15.58	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1746	1765		
30	QPSK	1	1	15.57	15.66	15.62	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.60	15.69	15.61	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.62	15.61	15.63	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.63	15.72	15.59	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.66	15.74	15.65	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.59	15.73	15.62	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.09	23.20	23.18	24.5	0.0
40	PI/2 BPSK	1	108	23.21	23.41	23.21		
40	PI/2 BPSK	1	214	23.14	23.26	23.12		
40	PI/2 BPSK	108	0	22.58	22.65	22.45	24.0	0.5
40	PI/2 BPSK	108	54	23.25	23.36	23.17	24.5	0.0
40	PI/2 BPSK	108	108	22.54	22.73	22.73	24.0	0.5
40	PI/2 BPSK	216	0	22.60	22.80	22.72		
40	QPSK	1	1	23.37	23.43	23.34	24.5	0.0
40	QPSK	1	108	23.22	23.39	23.24		
40	QPSK	1	214	23.10	23.24	23.24		
40	QPSK	108	0	22.64	22.66	22.56	23.5	1.0
40	QPSK	108	54	23.32	23.38	23.27	24.5	0.0
40	QPSK	108	108	22.64	22.74	22.74	23.5	1.0
40	QPSK	216	0	22.61	22.79	22.68		
40	16QAM	1	1	22.09	22.18	22.03	23.5	1.0
40	64QAM	1	1	20.47	20.58	20.48	22.0	2.5
40	256QAM	1	1	19.45	19.53	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	23.28	23.34	23.27	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.34	23.34	23.31	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.27	23.38	23.30	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.28	23.37	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.37	23.29	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.35	23.34	23.29	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.17	14.35	14.29	16.0	0.0
40	PI/2 BPSK	1	53	14.23	14.34	14.17		
40	PI/2 BPSK	1	104	14.13	14.33	14.20		
40	PI/2 BPSK	50	0	14.25	14.25	14.11	16.0	0.0
40	PI/2 BPSK	50	28	14.21	14.27	14.21	16.0	0.0
40	PI/2 BPSK	50	56	14.19	14.33	14.17	16.0	0.0
40	PI/2 BPSK	100	0	14.14	14.22	14.13		
40	QPSK	1	1	14.39	14.46	14.38	16.0	0.0
40	QPSK	1	53	14.22	14.25	14.25		
40	QPSK	1	104	14.24	14.30	14.18		
40	QPSK	50	0	14.22	14.21	14.09	16.0	0.0
40	QPSK	50	28	14.38	14.42	14.32		
40	QPSK	50	56	14.26	14.25	14.28		
40	QPSK	100	0	14.29	14.38	14.34	16.0	0.0
40	16QAM	1	1	14.37	14.46	14.39	16.0	0.0
40	64QAM	1	1	14.42	14.45	14.38	16.0	0.0
40	256QAM	1	1	14.31	14.40	14.29	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.36	14.31	14.32	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2597.48		
25	QPSK	1	1	14.37	14.40	14.28	16.0	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2600		
20	QPSK	1	1	14.34	14.43	14.36	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.24	14.39	14.34	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.36	14.42	14.35	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.28	16.49	16.27	17.7	0.0
40	PI/2 BPSK	1	53	16.29	16.36	16.17		
40	PI/2 BPSK	1	104	16.33	16.45	16.23		
40	PI/2 BPSK	50	0	16.31	16.43	16.20	17.7	0.0
40	PI/2 BPSK	50	28	16.37	16.42	16.19	17.7	0.0
40	PI/2 BPSK	50	56	16.33	16.43	16.21	17.7	0.0
40	PI/2 BPSK	100	0	16.31	16.40	16.25		
40	QPSK	1	1	16.46	16.57	16.42	17.7	0.0
40	QPSK	1	53	16.37	16.42	16.28		
40	QPSK	1	104	16.41	16.52	16.28		
40	QPSK	50	0	16.36	16.46	16.29		
40	QPSK	50	28	16.40	16.48	16.31	17.7	0.0
40	QPSK	50	56	16.36	16.41	16.21		
40	QPSK	100	0	16.31	16.43	16.21	17.7	0.0
40	16QAM	1	1	16.30	16.35	16.21	17.7	0.0
40	64QAM	1	1	16.31	16.41	16.22	17.7	0.0
40	256QAM	1	1	16.34	16.37	16.26	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.42	16.47	16.35	17.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2597.48		
25	QPSK	1	1	16.37	16.45	16.40	17.7	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2600		
20	QPSK	1	1	16.45	16.55	16.27	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.42	16.58	16.33	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.44	16.55	16.41	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.15	14.26	14.16	16.0	0.0
40	PI/2 BPSK	1	53	14.13	14.19	14.24		
40	PI/2 BPSK	1	104	14.11	14.15	14.11		
40	PI/2 BPSK	50	0	14.23	14.19	14.20	16.0	0.0
40	PI/2 BPSK	50	28	14.08	14.19	14.21	16.0	0.0
40	PI/2 BPSK	50	56	14.21	14.18	14.10	16.0	0.0
40	PI/2 BPSK	100	0	14.19	14.20	14.21		
40	QPSK	1	1	14.21	14.28	14.26	16.0	0.0
40	QPSK	1	53	14.07	14.19	14.22		
40	QPSK	1	104	14.08	14.20	14.17		
40	QPSK	50	0	14.08	14.20	14.22		
40	QPSK	50	28	14.17	14.26	14.23	16.0	0.0
40	QPSK	50	56	14.11	14.21	14.21		
40	QPSK	100	0	14.10	14.21	14.17	16.0	0.0
40	16QAM	1	1	14.10	14.16	14.17	16.0	0.0
40	64QAM	1	1	14.13	14.19	14.08	16.0	0.0
40	256QAM	1	1	14.05	14.22	14.14	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.14	14.15	14.25	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2597.48		
25	QPSK	1	1	14.15	14.26	14.19	16.0	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2600		
20	QPSK	1	1	14.16	14.13	14.23	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.07	14.18	14.24	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.12	14.25	14.15	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	516000	515996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.10	14.09	14.09	15.2	0.0
40	PI/2 BPSK	1	53	14.05	14.10	14.05		
40	PI/2 BPSK	1	104	14.04	14.15	14.03		
40	PI/2 BPSK	50	0	14.06	14.17	14.01	15.2	0.0
40	PI/2 BPSK	50	28	14.01	14.20	14.00	15.2	0.0
40	PI/2 BPSK	50	56	14.04	14.12	14.06	15.2	0.0
40	PI/2 BPSK	100	0	14.08	14.13	13.96		
40	QPSK	1	1	14.27	14.28	14.22	15.2	0.0
40	QPSK	1	53	14.26	14.25	14.19		
40	QPSK	1	104	14.15	14.26	14.09		
40	QPSK	50	0	14.13	14.07	14.07		
40	QPSK	50	28	14.18	14.21	14.11	15.2	0.0
40	QPSK	50	56	14.05	14.18	13.97		
40	QPSK	100	0	14.11	14.18	14.05	15.2	0.0
40	16QAM	1	1	14.06	14.17	14.06	15.2	0.0
40	64QAM	1	1	14.03	14.10	14.05	15.2	0.0
40	256QAM	1	1	14.06	14.09	14.09	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.26	14.25	14.12	15.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2597.48		
25	QPSK	1	1	14.19	14.14	14.20	15.2	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2600		
20	QPSK	1	1	14.17	14.17	14.07	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.17	14.23	14.15	15.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.20	14.23	14.12	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.51	14.61	14.52	16.0	0.0
100	PI/2 BPSK	1	137	14.51	14.44	14.42		
100	PI/2 BPSK	1	271	14.55	14.62	14.42		
100	PI/2 BPSK	135	0	14.58	14.57	14.38		
100	PI/2 BPSK	135	69	14.58	14.56	14.64	16.0	0.0
100	PI/2 BPSK	135	138	14.50	14.64	14.62		
100	PI/2 BPSK	270	0	14.59	14.58	14.43	16.0	0.0
100	QPSK	1	1	14.62	14.69	14.58		
100	QPSK	1	137	14.55	14.58	14.39		
100	QPSK	1	271	14.52	14.64	14.49		
100	QPSK	135	0	14.52	14.62	14.49		
100	QPSK	135	69	14.54	14.63	14.53	16.0	0.0
100	QPSK	135	138	14.47	14.60	14.46		
100	QPSK	270	0	14.59	14.62	14.52	16.0	0.0
100	16QAM	1	1	14.60	14.58	14.46	16.0	0.0
100	64QAM	1	1	14.47	14.59	14.57	16.0	0.0
100	256QAM	1	1	14.62	14.65	14.58	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.53	14.60	14.49	16.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.96		
80	QPSK	1	1	14.45	14.60	14.47	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.41	14.55	14.45	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.48	14.58	14.49	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.56	14.57	14.51	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.43	14.64	14.44	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.43	14.62	14.56	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.51	14.64	14.52	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.50	14.64	14.53	16.0	0.0
Channel				500202	518598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.44	14.59	14.43	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.44	16.41	16.23	17.7	0.0
100	PI/2 BPSK	1	137	16.46	16.51	16.23		
100	PI/2 BPSK	1	271	16.39	16.44	16.36		
100	PI/2 BPSK	135	0	16.35	16.43	16.26		
100	PI/2 BPSK	135	69	16.36	16.42	16.31	17.7	0.0
100	PI/2 BPSK	135	138	16.46	16.44	16.32	17.7	0.0
100	PI/2 BPSK	270	0	16.39	16.50	16.27		
100	QPSK	1	1	16.48	16.61	16.38		
100	QPSK	1	137	16.47	16.48	16.37	17.7	0.0
100	QPSK	1	271	16.41	16.58	16.25		
100	QPSK	135	0	16.41	16.49	16.22		
100	QPSK	135	69	16.47	16.56	16.37	17.7	0.0
100	QPSK	135	138	16.46	16.53	16.35		
100	QPSK	270	0	16.44	16.53	16.24	17.7	0.0
100	16QAM	1	1	16.36	16.53	16.35	17.7	0.0
100	64QAM	1	1	16.36	16.54	16.35	17.7	0.0
100	256QAM	1	1	16.32	16.55	16.34	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.41	16.15	17.7	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.96		
80	QPSK	1	1	16.22	16.37	16.14	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.20	16.35	16.10	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.33	16.35	16.18	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.28	16.40	16.17	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.23	16.41	16.13	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.20	16.36	16.11	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.23	16.41	16.19	17.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.23	16.36	16.17	17.7	0.0
Channel				500202	518598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.25	16.42	16.21	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.19	14.25	14.23	16.0	0.0
100	PI/2 BPSK	1	137	14.22	14.25	14.06		
100	PI/2 BPSK	1	271	14.22	14.19	14.23		
100	PI/2 BPSK	135	0	14.28	14.24	14.10		
100	PI/2 BPSK	135	69	14.18	14.22	14.10	16.0	0.0
100	PI/2 BPSK	135	138	14.18	14.25	14.08		
100	PI/2 BPSK	270	0	14.21	14.22	14.16	16.0	0.0
100	QPSK	1	1	14.17	14.33	14.25		
100	QPSK	1	137	14.16	14.30	14.17		
100	QPSK	1	271	14.15	14.15	14.20		
100	QPSK	135	0	14.11	14.21	14.18		
100	QPSK	135	69	14.15	14.29	14.23	16.0	0.0
100	QPSK	135	138	14.13	14.23	14.23		
100	QPSK	270	0	14.21	14.26	14.22	16.0	0.0
100	16QAM	1	271	14.22	14.25	14.25	16.0	0.0
100	64QAM	1	271	14.25	14.23	14.27	16.0	0.0
100	256QAM	1	271	14.23	14.25	14.19	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.07	14.23	14.17	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.13	14.26	14.15	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.11	14.25	14.10	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.11	14.27	14.22	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.08	14.26	14.17	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.03	14.24	14.11	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.08	14.24	14.23	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.13	14.21	14.11	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.16	14.27	14.22	16.0	0.0
Channel				500202	518598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.13	14.21	14.20	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.37	14.40	14.24	15.2	0.0
100	PI/2 BPSK	1	137	14.30	14.42	14.24		
100	PI/2 BPSK	1	271	14.22	14.29	14.21		
100	PI/2 BPSK	135	0	14.45	14.43	14.37		
100	PI/2 BPSK	135	69	14.45	14.30	14.39	15.2	0.0
100	PI/2 BPSK	135	138	14.31	14.47	14.42		
100	PI/2 BPSK	270	0	14.39	14.39	14.42	15.2	0.0
100	QPSK	1	1	14.45	14.50	14.41		
100	QPSK	1	137	14.20	14.36	14.25		
100	QPSK	1	271	14.30	14.27	14.17		
100	QPSK	135	0	14.30	14.23	14.31		
100	QPSK	135	69	14.39	14.46	14.38	15.2	0.0
100	QPSK	135	138	14.38	14.32	14.31		
100	QPSK	270	0	14.36	14.43	14.37	15.2	0.0
100	16QAM	1	271	14.33	14.42	14.43	15.2	0.0
100	64QAM	1	271	14.38	14.37	14.34	15.2	0.0
100	256QAM	1	271	14.40	14.32	14.41	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.35	14.38	14.33	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.44	14.37	14.34	15.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.40	14.36	14.30	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.35	14.46	14.32	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.36	14.39	14.36	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.35	14.43	14.39	15.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.35	14.39	14.32	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.40	14.48	14.37	15.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.31	14.36	14.37	15.2	0.0
Channel				500202	518598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.44	14.39	14.31	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.99			
100	PI/2 BPSK	1	1		18.12		19.5	0.0
100	PI/2 BPSK	1	137		18.11			
100	PI/2 BPSK	1	273		18.01			
100	PI/2 BPSK	135	0		18.02		19.5	0.0
100	PI/2 BPSK	135	69		18.08		19.5	0.0
100	PI/2 BPSK	135	138		18.11		19.5	0.0
100	PI/2 BPSK	270	0		18.18			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.10			
100	QPSK	135	0		18.15		19.5	0.0
100	QPSK	135	69		18.18			
100	QPSK	135	138		18.12			
100	QPSK	270	0		18.16		19.5	0.0
100	16QAM	1	1		17.91		19.5	0.0
100	64QAM	1	1		17.91		19.5	0.0
100	256QAM	1	1		18.06		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.99	3504.99		
90	QPSK	1	1	18.14	18.03	18.03	19.5	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	18.02	17.95	17.94	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.00	17.85	17.87	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.96		
60	QPSK	1	1	17.94	17.92	17.90	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3471.02	3499.98	3529		
50	QPSK	1	1	17.95	17.91	17.89	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.08	17.85	17.88	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.96		
30	QPSK	1	1	17.98	17.94	17.96	19.5	0.0
Channel				630634	633332	635532	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.04	17.90	17.87	19.5	0.0
Channel				630668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.03	17.94	17.90	19.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.96	17.93	17.83	19.5	0.0
Channel				630002	633332	634722	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.06	17.92	17.83	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3942	4000		
100	PI/2 BPSK	1	1	18.39	18.37	18.37		
100	PI/2 BPSK	1	137	18.46	18.60	18.64	20.0	0.0
100	PI/2 BPSK	1	271	18.31	18.53	18.43		
100	PI/2 BPSK	135	0	18.51	18.66	18.49	20.0	0.0
100	PI/2 BPSK	135	69	18.38	18.44	18.54	20.0	0.0
100	PI/2 BPSK	135	138	18.43	18.53	18.47	20.0	0.0
100	PI/2 BPSK	270	0	18.50	18.53	18.48		
100	QPSK	1	1	18.40	18.36	18.55		
100	QPSK	1	137	18.77	18.68	18.84	20.0	0.0
100	QPSK	1	271	18.59	18.59	18.67		
100	QPSK	135	0	18.41	18.46	18.61		
100	QPSK	135	69	18.70	18.66	18.62	20.0	0.0
100	QPSK	135	138	18.61	18.58	18.59		
100	QPSK	270	0	18.50	18.64	18.00	20.0	0.0
100	16QAM	1	1	18.64	18.81	18.76	20.0	0.0
100	64QAM	1	1	18.60	18.72	18.68	20.0	0.0
100	256QAM	1	1	18.61	18.73	18.67	20.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.02	3940	3934.98		
90	QPSK	1	1	18.66	18.52	18.76	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3940	3939.99		
80	QPSK	1	1	18.69	18.52	18.74	20.0	0.0
Channel				649002	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3940	3945		
70	QPSK	1	1	18.57	18.59	18.75	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3940	3949.98		
60	QPSK	1	1	18.70	18.49	18.78	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3940	3954.99		
50	QPSK	1	1	18.70	18.51	18.74	20.0	0.0
Channel				648002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3940	3960		
40	QPSK	1	1	18.69	18.51	18.75	20.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3940.08	3964.98		
30	QPSK	1	1	18.69	18.62	18.74	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3940	3967.5		
25	QPSK	1	1	18.69	18.48	18.67	20.0	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3940	3969.99		
20	QPSK	1	1	18.59	18.62	18.75	20.0	0.0
Channel				647116	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3940	3972.48		
15	QPSK	1	1	18.61	18.51	18.74	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3940	3975		
10	QPSK	1	1	18.59	18.61	18.65	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		15.01			
100	PI/2 BPSK	1	137		15.04		16.5	0.0
100	PI/2 BPSK	1	271		14.93			
100	PI/2 BPSK	135	0		14.98		16.5	0.0
100	PI/2 BPSK	135	69		15.04		16.5	0.0
100	PI/2 BPSK	135	138		15.09		16.5	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.10		16.5	0.0
100	QPSK	1	137		15.12			
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.01		16.5	0.0
100	QPSK	135	69		15.09			
100	QPSK	135	138		15.04			
100	QPSK	270	0		15.02		16.5	0.0
100	16QAM	1	1		14.77		16.5	0.0
100	64QAM	1	1		14.70		16.5	0.0
100	256QAM	1	1		14.99		16.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3450	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.97	15.15	15.03	16.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.01	14.96	15.11	16.5	0.0
Channel				632317	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3405.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.02	15.02	15.01	16.5	0.0
Channel				632002	633332	634662	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.98	15.04	15.06	16.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3415.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.13	14.99	15.00	16.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.98	15.02	15.04	16.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.11	15.14	15.12	16.5	0.0
Channel				630854	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.08	15.15	14.97	16.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.03	15.06	14.99	16.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3427.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.09	15.06	15.00	16.5	0.0
Channel				630004	633332	636672	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.00	15.12	15.14	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.35	15.35	15.34		
100	PI/2 BPSK	1	137	15.54	15.67	15.59	17.0	0.0
100	PI/2 BPSK	1	271	15.32	15.48	15.48		
100	PI/2 BPSK	135	0	15.53	15.66	15.57	17.0	0.0
100	PI/2 BPSK	135	69	15.45	15.52	15.53	17.0	0.0
100	PI/2 BPSK	135	138	15.49	15.60	15.44	17.0	0.0
100	PI/2 BPSK	270	0	15.47	15.56	15.49		
100	QPSK	1	1	15.42	15.40	15.36		
100	QPSK	1	137	15.76	15.66	15.81	17.0	0.0
100	QPSK	1	271	15.55	15.64	15.60		
100	QPSK	135	0	15.49	15.53	15.57		
100	QPSK	135	69	15.64	15.63	15.65	17.0	0.0
100	QPSK	135	138	15.60	15.56	15.57		
100	QPSK	270	0	15.50	15.61	15.64	17.0	0.0
100	16QAM	1	1	15.69	15.80	15.76	17.0	0.0
100	64QAM	1	1	15.77	15.77	15.73	17.0	0.0
100	256QAM	1	1	15.58	15.68	15.68	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.21	15.08	15.19	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.16	15.20	15.14	17.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.14	15.22	15.05	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.16	15.27	15.07	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.10	15.09	15.15	17.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.29	15.12	15.08	17.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.18	15.24	15.10	17.0	0.0
Channel				647332	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	15.12	15.23	15.11	17.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.28	15.19	15.18	17.0	0.0
Channel				647002	656000	665002	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	15.26	15.13	15.23	17.0	0.0
Channel				647002	656000	665002	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	15.14	15.11	15.06	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		19.01			
100	PI/2 BPSK	1	137		19.06		19.5	0.0
100	PI/2 BPSK	1	271		19.01			
100	PI/2 BPSK	135	0		19.06		19.5	0.0
100	PI/2 BPSK	135	69		18.95		19.5	0.0
100	PI/2 BPSK	135	138		19.12		19.5	0.0
100	PI/2 BPSK	270	0		19.15			
100	QPSK	1	1		19.00			
100	QPSK	1	137		19.16		19.5	0.0
100	QPSK	1	271		19.14			
100	QPSK	135	0		18.96			
100	QPSK	135	69		19.12		19.5	0.0
100	QPSK	135	138		19.01			
100	QPSK	270	0		19.10		19.5	0.0
100	16QAM	1	1		19.04		19.5	0.0
100	64QAM	1	1		19.12		19.5	0.0
100	256QAM	1	1		19.05		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3450	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.97	19.08	19.10	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.88	18.99	19.00	19.5	0.0
Channel				632317	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3405.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.91	18.93	18.99	19.5	0.0
Channel				632002	633332	634662	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.80	18.98	18.91	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3415.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.86	18.91	18.83	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.88	19.02	18.99	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.90	18.96	18.91	19.5	0.0
Channel				630854	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.91	18.97	18.92	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.77	18.98	18.90	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3427.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.80	18.96	18.90	19.5	0.0
Channel				630004	633332	636672	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.89	18.92	18.90	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.92	19.00	18.91		
100	PI/2 BPSK	1	137	18.96	19.02	18.84	19.5	0.0
100	PI/2 BPSK	1	271	18.99	19.04	18.91		
100	PI/2 BPSK	135	0	19.08	19.05	18.95	19.5	0.0
100	PI/2 BPSK	135	69	18.91	19.12	18.96	19.5	0.0
100	PI/2 BPSK	135	138	19.03	19.01	18.90	19.5	0.0
100	PI/2 BPSK	270	0	18.96	19.07	18.89		
100	QPSK	1	1	19.10	19.09	18.91		
100	QPSK	1	137	19.19	19.24	19.13	19.5	0.0
100	QPSK	1	271	19.08	19.16	19.11		
100	QPSK	135	0	19.08	19.13	18.98		
100	QPSK	135	69	19.17	19.20	19.09	19.5	0.0
100	QPSK	135	138	19.08	19.11	18.94		
100	QPSK	270	0	19.01	19.15	18.97	19.5	0.0
100	16QAM	1	1	19.09	18.93	18.77	19.5	0.0
100	64QAM	1	1	19.00	18.90	18.85	19.5	0.0
100	256QAM	1	1	19.05	18.97	18.86	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.06	19.06	18.98	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.04	19.14	18.96	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.10	19.08	19.00	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.12	19.07	18.93	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3720.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.07	19.08	19.02	19.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.22	19.08	18.95	19.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.01	19.10	19.04	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.06	19.04	19.04	19.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.05	19.04	18.94	19.5	0.0
Channel				647002	656000	665002	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.12	19.06	18.96	19.5	0.0
Channel				647002	656000	665002	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.11	19.17	19.04	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3469.98			
100	PI/2 BPSK	1	1		16.09		16.5	0.0
100	PI/2 BPSK	1	137		16.07			
100	PI/2 BPSK	1	273		16.01			
100	PI/2 BPSK	135	0		16.11		16.5	0.0
100	PI/2 BPSK	135	69		15.99		16.5	0.0
100	PI/2 BPSK	135	138		16.07		16.5	0.0
100	PI/2 BPSK	270	0		16.09			
100	QPSK	1	1		16.08		16.5	0.0
100	QPSK	1	137		16.20			
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.05		16.5	0.0
100	QPSK	135	69		16.13			
100	QPSK	135	138		16.07			
100	QPSK	270	0		16.02		16.5	0.0
100	16QAM	1	1		15.98		16.5	0.0
100	64QAM	1	1		16.07		16.5	0.0
100	256QAM	1	1		16.02		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3469.98	3504.96		
90	QPSK	1	1	16.12	16.00	16.00	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3469.98	3510		
80	QPSK	1	1	16.00	16.00	15.99	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3469.98	3514.96		
70	QPSK	1	1	15.99	15.99	16.07	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3469.98	3519.99		
60	QPSK	1	1	16.10	16.09	16.01	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3469.98	3525		
50	QPSK	1	1	16.04	16.12	16.08	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3453.01	3469.98	3530.98		
40	QPSK	1	1	16.12	16.00	16.08	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3449	3469.98	3536.99		
30	QPSK	1	1	16.08	16.02	16.08	16.5	0.0
Channel				630634	633332	635632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3469.98	3537.48		
25	QPSK	1	1	16.01	16.09	16.03	16.5	0.0
Channel				630668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3469.98	3540		
20	QPSK	1	1	16.00	16.02	16.12	16.5	0.0
Channel				630334	633332	634998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3469.98	3542.49		
15	QPSK	1	1	16.10	16.02	16.04	16.5	0.0
Channel				630002	633332	634632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3469.98	3544.98		
10	QPSK	1	1	16.09	16.00	15.98	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.96	15.97	15.90	16.5	0.0
100	PI/2 BPSK	1	137	16.01	15.96	15.84		
100	PI/2 BPSK	1	271	16.02	15.98	15.92		
100	PI/2 BPSK	135	0	16.04	16.08	15.93	16.5	0.0
100	PI/2 BPSK	135	69	15.96	16.06	15.91	16.5	0.0
100	PI/2 BPSK	135	138	15.95	16.06	15.94	16.5	0.0
100	PI/2 BPSK	270	0	15.99	15.99	15.81		
100	QPSK	1	1	16.04	16.11	15.89	16.5	0.0
100	QPSK	1	137	16.18	16.21	16.15		
100	QPSK	1	271	16.10	16.18	16.02		
100	QPSK	135	0	16.00	16.06	15.93	16.5	0.0
100	QPSK	135	69	16.09	16.10	16.08		
100	QPSK	135	138	16.06	16.04	15.84		
100	QPSK	270	0	15.95	16.07	16.02	16.5	0.0
100	16QAM	1	1	16.04	15.97	15.81	16.5	0.0
100	64QAM	1	1	16.00	15.95	15.89	16.5	0.0
100	256QAM	1	1	16.03	15.98	15.81	16.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.02	3840	3934.04		
90	QPSK	1	1	16.03	16.24	15.92	16.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3840	3938.04		
80	QPSK	1	1	16.05	16.16	16.01	16.5	0.0
Channel				649002	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738	3840	3942		
70	QPSK	1	1	16.08	16.14	16.03	16.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.11	16.22	16.01	16.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3840	3954.99		
50	QPSK	1	1	16.03	16.12	15.91	16.5	0.0
Channel				648002	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722	3840	3960		
40	QPSK	1	1	16.09	16.14	15.90	16.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3718.02	3840	3965.98		
30	QPSK	1	1	16.06	16.18	15.94	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.06	16.15	15.97	16.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.01	16.19	15.93	16.5	0.0
Channel				647116	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.99	16.24	16.02	16.5	0.0
Channel				646998	656000	665002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.97	16.23	15.99	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Lower Low Ch. / Freq.	Lower Middle Ch. / Freq.	Lower High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		16.74			
100	PI/2 BPSK	1	137		16.66		18.0	0.0
100	PI/2 BPSK	1	271		16.62			
100	PI/2 BPSK	135	0		16.61		18.0	0.0
100	PI/2 BPSK	135	69		16.57		18.0	0.0
100	PI/2 BPSK	135	138		16.56		18.0	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.50			
100	QPSK	1	137		16.79		18.0	0.0
100	QPSK	1	271		16.70			
100	QPSK	135	0		16.61			
100	QPSK	135	69		16.76		18.0	0.0
100	QPSK	135	138		16.67			
100	QPSK	270	0		16.56		18.0	0.0
100	16QAM	1	1		16.66		18.0	0.0
100	64QAM	1	1		16.53		18.0	0.0
100	256QAM	1	1		16.64		18.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3450	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.61	16.64	16.61	18.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.45	16.57	16.52	18.0	0.0
Channel				631334	633332	635328	Tune-up limit	MPR
Frequency (MHz)				3465.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.42	16.57	16.48	18.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.43	16.58	16.44	18.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.47	16.57	16.55	18.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.42	16.48	16.55	18.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.48	16.48	16.54	18.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	16.54	16.52	16.44	18.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.47	16.47	16.46	18.0	0.0
Channel				631334	633332	635328	Tune-up limit	MPR
Frequency (MHz)				3457.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.54	16.47	16.43	18.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.46	16.54	16.49	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Lower Low Ch. / Freq.	Lower Middle Ch. / Freq.	Lower High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3755	3840	3930		
100	PI/2 BPSK	1	1	17.05	17.06	17.23		
100	PI/2 BPSK	1	137	17.07	17.18	17.16	19.0	0.0
100	PI/2 BPSK	1	271	17.01	17.08	17.18		
100	PI/2 BPSK	135	0	17.08	16.96	17.20	19.0	0.0
100	PI/2 BPSK	135	69	16.95	16.98	17.23	19.0	0.0
100	PI/2 BPSK	135	138	16.95	17.11	17.13	19.0	0.0
100	PI/2 BPSK	270	0	17.15	17.11	17.15		
100	QPSK	1	1	17.06	17.30	17.23		
100	QPSK	1	137	17.20	17.34	17.32	19.0	0.0
100	QPSK	1	271	17.16	17.23	17.10		
100	QPSK	135	0	17.02	17.01	17.15		
100	QPSK	135	69	17.11	17.30	17.25	19.0	0.0
100	QPSK	135	138	17.01	17.12	17.22		
100	QPSK	270	0	17.06	17.26	17.05	19.0	0.0
100	16QAM	1	1	17.09	17.19	17.05	19.0	0.0
100	64QAM	1	1	17.07	17.01	17.18	19.0	0.0
100	256QAM	1	1	17.07	16.98	17.27	19.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.13	17.27	17.15	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.02	17.14	17.15	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.07	17.18	17.16	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.09	17.22	17.14	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.09	17.26	17.26	19.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.00	17.26	17.17	19.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.14	17.26	17.25	19.0	0.0
Channel				647332	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	17.04	17.24	17.14	19.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.08	17.23	17.21	19.0	0.0
Channel				647332	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.14	17.27	17.21	19.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.00	17.27	17.13	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Lower Low Ch. / Freq.	Lower Middle Ch. / Freq.	Lower High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		13.82			
100	PI/2 BPSK	1	137		13.79		15.0	0.0
100	PI/2 BPSK	1	271		13.78			
100	PI/2 BPSK	135	0		13.81		15.0	0.0
100	PI/2 BPSK	135	69		13.69		15.0	0.0
100	PI/2 BPSK	135	138		13.71		15.0	0.0
100	PI/2 BPSK	270	0		13.80			
100	QPSK	1	1		13.75			
100	QPSK	1	137		13.85		15.0	0.0
100	QPSK	1	271		13.80			
100	QPSK	135	0		13.78			
100	QPSK	135	69		13.84		15.0	0.0
100	QPSK	135	138		13.83			
100	QPSK	270	0		13.70		15.0	0.0
100	16QAM	1	1		13.75		15.0	0.0
100	64QAM	1	1		13.70		15.0	0.0
100	256QAM	1	1		13.77		15.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3450	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.67	13.84	13.61	15.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.60	13.69	13.60	15.0	0.0
Channel				631334	633332	635328	Tune-up limit	MPR
Frequency (MHz)				3465.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.68	13.64	13.66	15.0	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.66	13.68	13.61	15.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.65	13.74	13.69	15.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.64	13.61	13.73	15.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.67	13.60	13.74	15.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.60	13.69	13.69	15.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.60	13.64	13.72	15.0	0.0
Channel				631334	633332	635328	Tune-up limit	MPR
Frequency (MHz)				3457.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.59	13.69	13.68	15.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.73	13.82	13.73	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Lower Low Ch. / Freq.	Lower Middle Ch. / Freq.	Lower High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3755	3840	3930		
100	PI/2 BPSK	1	1	14.14	14.23	14.31		
100	PI/2 BPSK	1	137	14.15	14.25	14.34	16.0	0.0
100	PI/2 BPSK	1	271	14.17	14.19	14.26		
100	PI/2 BPSK	135	0	14.14	14.16	14.32	16.0	0.0
100	PI/2 BPSK	135	69	14.14	14.18	14.29	16.0	0.0
100	PI/2 BPSK	135	138	14.12	14.24	14.29	16.0	0.0
100	PI/2 BPSK	270	0	14.21	14.29	14.31		
100	QPSK	1	1	14.23	14.36	14.33		
100	QPSK	1	137	14.32	14.43	14.38	16.0	0.0
100	QPSK	1	271	14.26	14.35	14.30		
100	QPSK	135	0	14.14	14.17	14.27		
100	QPSK	135	69	14.23	14.37	14.36	16.0	0.0
100	QPSK	135	138	14.18	14.29	14.32		
100	QPSK	270	0	14.14	14.22	14.21	16.0	0.0
100	16QAM	1	1	14.21	14.26	14.25	16.0	0.0
100	64QAM	1	1	14.16	14.15	14.33	16.0	0.0
100	256QAM	1	1	14.17	14.18	14.35	16.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	14.23	14.35	14.28	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	14.27	14.37	14.34	16.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	14.17	14.37	14.37	16.0	0.0
Channel				649000	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	14.27	14.31	14.28	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	14.29	14.31	14.39	16.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	14.27	14.39	14.39	16.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	14.27	14.37	14.38	16.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	14.17	14.43	14.34	16.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	14.28	14.36	14.28	16.0	0.0
Channel				647332	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	14.21	14.34	14.31	16.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	14.18	14.37	14.29	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		17.31			
100	PI/2 BPSK	1	137		17.31		18.5	0.0
100	PI/2 BPSK	1	271		17.26			
100	PI/2 BPSK	135	0		17.29		18.5	0.0
100	PI/2 BPSK	135	69		17.30		18.5	0.0
100	PI/2 BPSK	135	138		17.31		18.5	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.25		18.5	0.0
100	QPSK	1	137		17.35			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.22			
100	QPSK	135	69		17.33		18.5	0.0
100	QPSK	135	138		17.16			
100	QPSK	270	0		17.30		18.5	0.0
100	16QAM	1	1		17.22		18.5	0.0
100	64QAM	1	1		17.32		18.5	0.0
100	256QAM	1	1		17.11		18.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3460	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.22	17.24	17.24	18.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.11	17.08	17.15	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.08	17.09	17.06	18.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.09	17.16	17.13	18.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.02	17.12	17.10	18.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.03	17.13	17.14	18.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.03	17.08	17.18	18.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.12	17.07	17.09	18.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.04	17.09	17.05	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3457.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.09	17.12	17.13	18.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.14	17.08	17.17	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.73	17.50	17.57		
100	PI/2 BPSK	1	137	17.71	17.40	17.61	19.0	0.0
100	PI/2 BPSK	1	271	17.71	17.50	17.67		
100	PI/2 BPSK	135	0	17.72	17.41	17.53	19.0	0.0
100	PI/2 BPSK	135	69	17.56	17.48	17.61	19.0	0.0
100	PI/2 BPSK	135	138	17.56	17.43	17.45	19.0	0.0
100	PI/2 BPSK	270	0	17.68	17.46	17.64		
100	QPSK	1	1	17.79	17.42	17.70		
100	QPSK	1	137	17.64	17.61	17.98	19.0	0.0
100	QPSK	1	271	17.69	17.65	17.65		
100	QPSK	135	0	17.65	17.59	17.61		
100	QPSK	135	69	17.72	17.76	17.95	19.0	0.0
100	QPSK	135	138	17.65	17.38	17.63		
100	QPSK	270	0	17.58	17.72	17.89	19.0	0.0
100	16QAM	1	1	17.70	17.46	17.56	19.0	0.0
100	64QAM	1	1	17.53	17.30	17.60	19.0	0.0
100	256QAM	1	1	17.64	17.41	17.49	19.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3840	3931.98	(dBm)	(dB)
90	QPSK	1	1	17.76	17.71	17.83	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3746.01	3840	3933.99	(dBm)	(dB)
80	QPSK	1	1	17.67	17.64	17.92	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3744	3840	3936	(dBm)	(dB)
70	QPSK	1	1	17.71	17.71	17.90	19.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3742.02	3840	3937.98	(dBm)	(dB)
60	QPSK	1	1	17.76	17.68	17.87	19.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
50	QPSK	1	1	17.73	17.75	17.79	19.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3738	3840	3942	(dBm)	(dB)
40	QPSK	1	1	17.74	17.72	17.86	19.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3840	3944.98	(dBm)	(dB)
30	QPSK	1	1	17.70	17.68	17.83	19.0	0.0
Channel				647330	656000	664670	Tune-up limit	MPR
Frequency (MHz)				3732.5	3840	3947.5	(dBm)	(dB)
25	QPSK	1	1	17.68	17.67	17.78	19.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3730.01	3840	3949.99	(dBm)	(dB)
20	QPSK	1	1	17.77	17.70	17.88	19.0	0.0
Channel				647002	656000	664998	Tune-up limit	MPR
Frequency (MHz)				3727.52	3840	3952.48	(dBm)	(dB)
15	QPSK	1	1	17.75	17.64	17.91	19.0	0.0
Channel				646700	656000	665300	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3955	(dBm)	(dB)
10	QPSK	1	1	17.66	17.68	17.79	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3460.98			
100	PI/2 BPSK	1	1		14.26			
100	PI/2 BPSK	1	137		14.27		15.5	0.0
100	PI/2 BPSK	1	271		14.26			
100	PI/2 BPSK	135	0		14.19		15.5	0.0
100	PI/2 BPSK	135	69		14.16		15.5	0.0
100	PI/2 BPSK	135	138		14.21		15.5	0.0
100	PI/2 BPSK	270	0		14.20			
100	QPSK	1	1		14.20			
100	QPSK	1	137		14.28		15.5	0.0
100	QPSK	1	271		14.16			
100	QPSK	135	0		14.12			
100	QPSK	135	69		14.22		15.5	0.0
100	QPSK	135	138		14.13			
100	QPSK	270	0		14.12		15.5	0.0
100	16QAM	1	1		14.17		15.5	0.0
100	64QAM	1	1		14.19		15.5	0.0
100	256QAM	1	1		14.11		15.5	0.0
Channel				630000	633332	636666	Tune-up limit	MPR
Frequency (MHz)				3460	3460.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.25	14.21	14.20	15.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.16	14.19	14.16	15.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3460.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.19	14.07	14.14	15.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3460.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.14	14.11	14.19	15.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3460.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.19	14.11	14.12	15.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3460.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.16	14.08	14.17	15.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3460.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.14	14.19	14.06	15.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3460.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	14.18	14.06	14.17	15.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3460.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.16	14.14	14.14	15.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3457.5	3460.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	14.16	14.11	14.18	15.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3460.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	14.12	14.12	14.11	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.69	14.52	14.51		
100	PI/2 BPSK	1	137	14.63	14.42	14.60	16.0	0.0
100	PI/2 BPSK	1	271	14.70	14.45	14.65		
100	PI/2 BPSK	135	0	14.66	14.35	14.58	16.0	0.0
100	PI/2 BPSK	135	69	14.62	14.43	14.66	16.0	0.0
100	PI/2 BPSK	135	138	14.53	14.42	14.49	16.0	0.0
100	PI/2 BPSK	270	0	14.71	14.45	14.58		
100	QPSK	1	1	14.74	14.45	14.64		
100	QPSK	1	137	14.80	14.74	14.81	16.0	0.0
100	QPSK	1	271	14.67	14.51	14.65		
100	QPSK	135	0	14.60	14.52	14.63		
100	QPSK	135	69	14.63	14.64	14.68	16.0	0.0
100	QPSK	135	138	14.60	14.39	14.58		
100	QPSK	270	0	14.55	14.57	14.61	16.0	0.0
100	16QAM	1	1	14.71	14.43	14.59	16.0	0.0
100	64QAM	1	1	14.57	14.33	14.62	16.0	0.0
100	256QAM	1	1	14.55	14.39	14.48	16.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3748.02	3840	3931.98	(dBm)	(dB)
90	QPSK	1	1	14.87	14.80	14.62	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3746.01	3840	3933.99	(dBm)	(dB)
80	QPSK	1	1	14.74	14.72	14.68	16.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3744	3840	3936	(dBm)	(dB)
70	QPSK	1	1	14.67	14.80	14.62	16.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3742.02	3840	3937.98	(dBm)	(dB)
60	QPSK	1	1	14.75	14.74	14.70	16.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
50	QPSK	1	1	14.75	14.74	14.64	16.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3738	3840	3942	(dBm)	(dB)
40	QPSK	1	1	14.67	14.69	14.71	16.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3840	3944.98	(dBm)	(dB)
30	QPSK	1	1	14.69	14.66	14.68	16.0	0.0
Channel				647330	656000	664670	Tune-up limit	MPR
Frequency (MHz)				3732.5	3840	3947.5	(dBm)	(dB)
25	QPSK	1	1	14.70	14.79	14.65	16.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3730.01	3840	3949.99	(dBm)	(dB)
20	QPSK	1	1	14.73	14.74	14.65	16.0	0.0
Channel				647002	656000	664998	Tune-up limit	MPR
Frequency (MHz)				3727.52	3840	3952.48	(dBm)	(dB)
15	QPSK	1	1	14.72	14.71	14.68	16.0	0.0
Channel				646700	656000	665300	Tune-up limit	MPR
Frequency (MHz)				3725	3840	3955	(dBm)	(dB)
10	QPSK	1	1	14.71	14.66	14.59	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.66			
100	PI/2 BPSK	1	1		17.77		19.5	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	273		17.77			
100	PI/2 BPSK	135	0		17.70		19.5	0.0
100	PI/2 BPSK	135	69		17.69		19.5	0.0
100	PI/2 BPSK	135	138		17.77		19.5	0.0
100	PI/2 BPSK	270	0		17.57			
100	QPSK	1	1		17.70		19.5	0.0
100	QPSK	1	137		17.83			
100	QPSK	1	271		17.74			
100	QPSK	135	0		17.72		19.5	0.0
100	QPSK	135	69		18.00			
100	QPSK	135	138		17.78			
100	QPSK	270	0		17.78		19.5	0.0
100	16QAM	1	1		17.75		19.5	0.0
100	64QAM	1	1		17.66		19.5	0.0
100	256QAM	1	1		17.73		19.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3400	3499.66	3934.66		
90	QPSK	1	1	17.70	17.64	17.76	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3519		
80	QPSK	1	1	17.52	17.44	17.58	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3514.98		
70	QPSK	1	1	17.54	17.53	17.64	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
60	QPSK	1	1	17.52	17.48	17.69	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.92	3499.98	3520		
50	QPSK	1	1	17.55	17.55	17.63	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.91	3499.98	3519.98		
40	QPSK	1	1	17.55	17.52	17.61	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
30	QPSK	1	1	17.58	17.54	17.62	19.5	0.0
Channel				630634	633332	635632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.51	3499.98	3517.48		
25	QPSK	1	1	17.55	17.54	17.64	19.5	0.0
Channel				630668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3540		
20	QPSK	1	1	17.54	17.56	17.65	19.5	0.0
Channel				630332	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.53	17.48	17.58	19.5	0.0
Channel				630134	633332	636132	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.55	17.45	17.58	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.15		19.5	0.0
100	PI/2 BPSK	1	137		18.10			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.07		19.5	0.0
100	PI/2 BPSK	135	69		18.26		19.5	0.0
100	PI/2 BPSK	135	138		18.11		19.5	0.0
100	PI/2 BPSK	270	0		18.23			
100	QPSK	1	1		18.02		19.5	0.0
100	QPSK	1	137		18.30			
100	QPSK	1	271		18.08			
100	QPSK	135	0		18.14		19.5	0.0
100	QPSK	135	69		18.28			
100	QPSK	135	138		18.19			
100	QPSK	270	0		18.25		19.5	0.0
100	16QAM	1	1		18.16		19.5	0.0
100	64QAM	1	1		18.29		19.5	0.0
100	256QAM	1	1		18.21		19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.02	3750	3754.98		
90	QPSK	1	1	18.14	18.14	18.23	19.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99		
80	QPSK	1	1	18.00	18.05	18.11	19.5	0.0
Channel				648002	650000	651998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3755	3765		
70	QPSK	1	1	17.95	18.05	18.16	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3750	3759.98		
60	QPSK	1	1	17.99	17.98	18.12	19.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3750	3774.99		
50	QPSK	1	1	17.98	18.02	18.04	19.5	0.0
Channel				648002	650000	651998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3750	3785		
40	QPSK	1	1	18.05	18.04	18.07	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.95	18.04	18.06	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.03	17.96	18.14	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.03	18.04	18.03	19.5	0.0
Channel				647118	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.08	18.06	18.13	19.5	0.0
Channel				646500	650000	653500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.97	18.03	18.10	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.99			
100	PI/2 BPSK	1	1		14.75			
100	PI/2 BPSK	1	137		14.87		16.5	0.0
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.66		16.5	0.0
100	PI/2 BPSK	135	69		14.65		16.5	0.0
100	PI/2 BPSK	135	138		14.72		16.5	0.0
100	PI/2 BPSK	270	0		14.62			
100	QPSK	1	1		14.79		16.5	0.0
100	QPSK	1	137		14.88			
100	QPSK	1	271		14.80			
100	QPSK	135	0		14.75			
100	QPSK	135	69		14.81		16.5	0.0
100	QPSK	135	138		14.80			
100	QPSK	270	0		14.77		16.5	0.0
100	16QAM	1	1		14.85		16.5	0.0
100	64QAM	1	1		14.76		16.5	0.0
100	256QAM	1	1		14.73		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.76	14.84	14.83	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.32	3499.98	3510		
80	QPSK	1	1	14.70	14.73	14.75	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.64	14.78	14.73	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.64	14.76	14.79	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.61	14.80	14.71	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.58	14.77	14.80	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.67	14.76	14.77	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.66	14.77	14.71	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.75	14.81	14.68	16.5	0.0
Channel				630332	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.68	14.76	14.68	16.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.72	14.75	14.70	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.21			
100	PI/2 BPSK	1	137		15.10		16.5	0.0
100	PI/2 BPSK	1	271		14.98			
100	PI/2 BPSK	135	0		15.09		16.5	0.0
100	PI/2 BPSK	135	69		15.23		16.5	0.0
100	PI/2 BPSK	135	138		15.11		16.5	0.0
100	PI/2 BPSK	270	0		15.19			
100	QPSK	1	1		15.12		16.5	0.0
100	QPSK	1	137		15.34			
100	QPSK	1	271		15.04			
100	QPSK	135	0		15.17			
100	QPSK	135	69		15.30		16.5	0.0
100	QPSK	135	138		15.15			
100	QPSK	270	0		15.20		16.5	0.0
100	16QAM	1	1		15.18		16.5	0.0
100	64QAM	1	1		15.27		16.5	0.0
100	256QAM	1	1		15.30		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.38	15.35	15.37	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3750	3759.99		
80	QPSK	1	1	15.29	15.31	15.22	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.26	15.28	15.31	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.37	15.33	15.30	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.31	15.25	15.32	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.27	15.28	15.33	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.35	15.32	15.23	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.23	15.31	15.34	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.24	15.28	15.26	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.36	15.22	15.23	16.5	0.0
Channel				647002	650000	652998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.35	15.30	15.28	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04			
100	PI/2 BPSK	1	137		19.06		19.5	0.0
100	PI/2 BPSK	1	271		18.89			
100	PI/2 BPSK	135	0		18.80		19.5	0.0
100	PI/2 BPSK	135	69		18.89		19.5	0.0
100	PI/2 BPSK	135	138		18.78		19.5	0.0
100	PI/2 BPSK	270	0		18.82			
100	QPSK	1	1		19.06		19.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.00			
100	QPSK	135	0		18.82			
100	QPSK	135	69		19.03		19.5	0.0
100	QPSK	135	138		18.93			
100	QPSK	270	0		19.01		19.5	0.0
100	16QAM	1	1		18.88		19.5	0.0
100	64QAM	1	1		18.68		19.5	0.0
100	256QAM	1	1		18.64		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.98	18.91	18.89	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.32	3499.98	3510		
80	QPSK	1	1	18.89	18.82	18.75	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.92	18.81	18.74	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.85	18.78	18.74	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.91	18.71	18.75	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.79	18.81	18.80	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.82	18.85	18.75	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.82	18.73	18.79	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.88	18.85	18.76	19.5	0.0
Channel				630332	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.87	18.82	18.69	19.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.92	18.83	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.91			
100	PI/2 BPSK	1	137		19.12		19.5	0.0
100	PI/2 BPSK	1	271		18.97			
100	PI/2 BPSK	135	0		18.94		19.5	0.0
100	PI/2 BPSK	135	69		18.90		19.5	0.0
100	PI/2 BPSK	135	138		18.78		19.5	0.0
100	PI/2 BPSK	270	0		19.08			
100	QPSK	1	1		19.01		19.5	0.0
100	QPSK	1	137		19.22			
100	QPSK	1	271		19.11			
100	QPSK	135	0		19.10			
100	QPSK	135	69		19.18		19.5	0.0
100	QPSK	135	138		19.12			
100	QPSK	270	0		19.15		19.5	0.0
100	16QAM	1	1		19.15		19.5	0.0
100	64QAM	1	1		19.16		19.5	0.0
100	256QAM	1	1		19.17		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.04	19.15	19.09	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3750	3759.99		
80	QPSK	1	1	18.95	19.08	18.98	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.98	19.06	18.92	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.93	19.04	18.97	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.93	19.08	19.01	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.88	18.99	18.93	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.88	19.01	18.93	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.97	19.05	18.97	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.96	19.07	18.96	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.90	19.00	18.97	19.5	0.0
Channel				647002	650000	652998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.90	19.01	19.03	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI2 BPSK	1	1		16.14		16.5	0.0
100	PI2 BPSK	1	137		16.11			
100	PI2 BPSK	1	271		16.09			
100	PI2 BPSK	135	0		15.87		16.5	0.0
100	PI2 BPSK	135	69		16.03		16.5	0.0
100	PI2 BPSK	135	138		15.96		16.5	0.0
100	PI2 BPSK	270	0		16.02			
100	QPSK	1	1		16.16		16.5	0.0
100	QPSK	1	137		16.18			
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.00		16.5	0.0
100	QPSK	135	69		16.10			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.01		16.5	0.0
100	16QAM	1	1		16.07		16.5	0.0
100	64QAM	1	1		15.86		16.5	0.0
100	256QAM	1	1		15.78		16.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.66		
90	QPSK	1	1	16.19	16.12	16.10	16.5	0.0
Channel				630968	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3510		
80	QPSK	1	1	16.02	16.19	16.02	16.5	0.0
Channel				630637	633332	636027	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.19	15.99	16.19	16.5	0.0
Channel				630306	633332	636358	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.00	16.00	16.04	16.5	0.0
Channel				631968	633332	634696	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3524		
50	QPSK	1	1	15.98	16.03	16.14	16.5	0.0
Channel				631304	633332	635352	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.01	16.00	16.18	16.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.19	16.19	16.08	16.5	0.0
Channel				630634	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.05	16.18	16.19	16.5	0.0
Channel				630968	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3540		
20	QPSK	1	1	16.03	16.09	16.13	16.5	0.0
Channel				631302	633332	635362	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3542.49		
15	QPSK	1	1	16.04	16.12	16.13	16.5	0.0
Channel				630974	633332	635702	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.51	3499.98	3544.98		
10	QPSK	1	1	16.13	15.99	16.08	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI2 BPSK	1	1		15.88		16.5	0.0
100	PI2 BPSK	1	137		16.13			
100	PI2 BPSK	1	271		15.98			
100	PI2 BPSK	135	0		16.12		16.5	0.0
100	PI2 BPSK	135	69		15.90		16.5	0.0
100	PI2 BPSK	135	138		16.19			
100	PI2 BPSK	270	0		16.13			
100	QPSK	1	1		16.03		16.5	0.0
100	QPSK	1	137		16.20			
100	QPSK	1	271		16.14			
100	QPSK	135	0		16.06		16.5	0.0
100	QPSK	135	69		16.19			
100	QPSK	135	138		16.18			
100	QPSK	270	0		16.16		16.5	0.0
100	16QAM	1	1		16.18		16.5	0.0
100	64QAM	1	1		16.16		16.5	0.0
100	256QAM	1	1		16.18		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
99	QPSK	1	1	16.12	16.11	16.14	16.5	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	16.11	16.22	16.19	16.5	0.0
Channel				649002	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	16.19	16.16	16.16	16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3753.98		
60	QPSK	1	1	16.21	16.09	16.23	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3750	3754.99		
50	QPSK	1	1	16.17	16.19	16.20	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
40	QPSK	1	1	16.17	16.22	16.16	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3750	3764.98		
30	QPSK	1	1	16.09	16.16	16.17	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.5	3750	3787.5		
25	QPSK	1	1	16.21	16.14	16.13	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3733.01	3750	3766.99		
20	QPSK	1	1	16.08	16.05	16.05	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3727.52	3750	3792.48		
15	QPSK	1	1	16.04	16.11	16.05	16.5	0.0
Channel				647002	650000	652998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725	3750	3795		
10	QPSK	1	1	16.09	16.22	16.23	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.55		18.0	0.0
100	PI/2 BPSK	1	137		16.65			
100	PI/2 BPSK	1	271		16.59			
100	PI/2 BPSK	135	0		16.51		18.0	0.0
100	PI/2 BPSK	135	69		16.61		18.0	0.0
100	PI/2 BPSK	135	138		16.50		18.0	0.0
100	PI/2 BPSK	270	0		16.37			
100	QPSK	1	1		16.56		18.0	0.0
100	QPSK	1	137		16.77			
100	QPSK	1	271		16.60			
100	QPSK	135	0		16.57		18.0	0.0
100	QPSK	135	69		16.75			
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.71		18.0	0.0
100	16QAM	1	1		16.43		18.0	0.0
100	64QAM	1	1		16.67		18.0	0.0
100	256QAM	1	1		16.59		18.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.61	16.61	16.68	18.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.47	16.41	16.49	18.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.51	16.54	16.60	18.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.47	16.51	16.59	18.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3470.02	3499.98	3530	(dBm)	(dB)
50	QPSK	1	1	16.49	16.48	16.49	18.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.50	16.46	16.59	18.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.43	16.49	16.55	18.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	16.46	16.53	16.59	18.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.53	16.42	16.57	18.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.46	16.46	16.57	18.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.51	16.43	16.59	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.06		18.5	0.0
100	PI/2 BPSK	1	137		17.32			
100	PI/2 BPSK	1	271		17.31			
100	PI/2 BPSK	135	0		17.21		18.5	0.0
100	PI/2 BPSK	135	69		17.26		18.5	0.0
100	PI/2 BPSK	135	138		17.13		18.5	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.38		18.5	0.0
100	QPSK	1	137		17.39			
100	QPSK	1	271		17.32			
100	QPSK	135	0		17.09		18.5	0.0
100	QPSK	135	69		17.36			
100	QPSK	135	138		17.32			
100	QPSK	270	0		17.33		18.5	0.0
100	16QAM	1	1		17.15		18.5	0.0
100	64QAM	1	1		17.30		18.5	0.0
100	256QAM	1	1		17.34		18.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.24	17.26	17.28	18.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3742.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.17	17.09	17.09	18.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.10	17.14	17.09	18.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.08	17.16	17.11	18.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.05	17.16	17.14	18.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.13	17.12	18.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.16	17.12	17.15	18.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.17	17.11	17.08	18.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.04	17.08	17.12	18.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.07	17.12	17.14	18.5	0.0
	Channel			647002	650000	652998	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.14	17.17	17.21	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		13.56		15.0	0.0
100	PI/2 BPSK	1	137		13.66			
100	PI/2 BPSK	1	271		13.69			
100	PI/2 BPSK	135	0		13.56		15.0	0.0
100	PI/2 BPSK	135	69		13.62		15.0	0.0
100	PI/2 BPSK	135	138		13.54		15.0	0.0
100	PI/2 BPSK	270	0		13.41			
100	QPSK	1	1		13.62		15.0	0.0
100	QPSK	1	137		13.84			
100	QPSK	1	271		13.69			
100	QPSK	135	0		13.59		15.0	0.0
100	QPSK	135	69		13.74			
100	QPSK	135	138		13.49			
100	QPSK	270	0		13.68		15.0	0.0
100	16QAM	1	1		13.53		15.0	0.0
100	64QAM	1	1		13.69		15.0	0.0
100	256QAM	1	1		13.69		15.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.66	13.78	13.68	15.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.65	13.67	13.61	15.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.60	13.77	13.57	15.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.54	13.68	13.53	15.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3470.02	3499.98	3530	(dBm)	(dB)
50	QPSK	1	1	13.59	13.77	13.58	15.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.62	13.72	13.58	15.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.52	13.69	13.54	15.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.60	13.72	13.55	15.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.59	13.66	13.67	15.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.59	13.73	13.63	15.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.65	13.76	13.61	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		13.97		15.5	0.0
100	PI/2 BPSK	1	137		14.29			
100	PI/2 BPSK	1	271		14.26			
100	PI/2 BPSK	135	0		14.17		15.5	0.0
100	PI/2 BPSK	135	69		14.17		15.5	0.0
100	PI/2 BPSK	135	138		13.99		15.5	0.0
100	PI/2 BPSK	270	0		14.04			
100	QPSK	1	1		14.27		15.5	0.0
100	QPSK	1	137		14.31			
100	QPSK	1	271		14.28			
100	QPSK	135	0		14.05		15.5	0.0
100	QPSK	135	69		14.29			
100	QPSK	135	138		14.18			
100	QPSK	270	0		14.10		15.5	0.0
100	16QAM	1	1		14.04		15.5	0.0
100	64QAM	1	1		14.23		15.5	0.0
100	256QAM	1	1		14.21		15.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.27	14.30	14.32	15.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3742.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.13	14.16	14.24	15.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.14	14.26	14.30	15.5	0.0
	Channel			649668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.16	14.25	14.18	15.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.24	14.23	14.17	15.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.12	14.18	14.26	15.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.17	14.29	14.25	15.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	14.21	14.27	14.27	15.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.25	14.17	14.17	15.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	14.23	14.19	14.25	15.5	0.0
	Channel			647002	650000	652998	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.26	14.28	14.24	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		16.81		18.5	0.0
100	PI/2 BPSK	1	137		16.71			
100	PI/2 BPSK	1	271		16.68			
100	PI/2 BPSK	135	0		16.77		18.5	0.0
100	PI/2 BPSK	135	69		16.73		18.5	0.0
100	PI/2 BPSK	135	138		16.77		18.5	0.0
100	PI/2 BPSK	270	0		16.69			
100	QPSK	1	1		16.92		18.5	0.0
100	QPSK	1	137		16.97			
100	QPSK	1	271		16.96			
100	QPSK	135	0		16.62		18.5	0.0
100	QPSK	135	69		16.95			
100	QPSK	135	138		16.83			
100	QPSK	270	0		16.92		18.5	0.0
100	16QAM	1	1		16.80		18.5	0.0
100	64QAM	1	1		16.76		18.5	0.0
100	256QAM	1	1		16.73		18.5	0.0
Channel				630666	633332	633966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466	3466.98	3504.99		
90	QPSK	1	1	16.88	16.78	16.90	18.5	0.0
Channel				630666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3466.98	3510		
80	QPSK	1	1	16.81	16.66	16.75	18.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	1	16.80	16.67	16.72	18.5	0.0
Channel				630002	633332	634662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3519.99		
60	QPSK	1	1	16.82	16.81	16.79	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.02	3466.98	3525		
50	QPSK	1	1	16.80	16.58	16.84	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	16.81	16.70	16.73	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	16.71	16.69	16.71	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	16.75	16.69	16.75	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	16.70	16.67	16.78	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	16.71	16.71	16.73	18.5	0.0
Channel				630034	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	16.71	16.71	16.90	18.5	0.0

Part27O n78(HPUE)_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.24		19.0	0.0
100	PI/2 BPSK	1	137		17.39			
100	PI/2 BPSK	1	271		17.26			
100	PI/2 BPSK	135	0		17.45		19.0	0.0
100	PI/2 BPSK	135	69		17.28		19.0	0.0
100	PI/2 BPSK	135	138		17.28		19.0	0.0
100	PI/2 BPSK	270	0		17.39			
100	QPSK	1	1		17.40		19.0	0.0
100	QPSK	1	137		17.46			
100	QPSK	1	271		17.34			
100	QPSK	135	0		17.30		19.0	0.0
100	QPSK	135	69		17.43			
100	QPSK	135	138		17.40			
100	QPSK	270	0		17.41		19.0	0.0
100	16QAM	1	1		17.20		19.0	0.0
100	64QAM	1	1		17.38		19.0	0.0
100	256QAM	1	1		17.40		19.0	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	17.38	17.30	17.28	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	17.27	17.23	17.22	19.0	0.0
Channel				649002	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765		
70	QPSK	1	1	17.27	17.19	17.19	19.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3750	3750.98		
60	QPSK	1	1	17.24	17.13	17.17	19.0	0.0
Channel				649334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3774.99		
50	QPSK	1	1	17.30	17.24	17.10	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737	3750	3780		
40	QPSK	1	1	17.32	17.12	17.09	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3750	3794.98		
30	QPSK	1	1	17.30	17.15	17.22	19.0	0.0
Channel				647000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.29	17.14	17.12	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.23	17.12	17.15	19.0	0.0
Channel				647334	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.22	17.17	17.09	19.0	0.0
Channel				647000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.25	17.24	17.18	19.0	0.0

Part27Q n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2 BPSK	1	1		13.98		15.5	0.0
100	PI/2 BPSK	1	137		13.71			
100	PI/2 BPSK	1	271		13.69			
100	PI/2 BPSK	135	0		13.82		15.5	0.0
100	PI/2 BPSK	135	69		13.80		15.5	0.0
100	PI/2 BPSK	135	138		13.76		15.5	0.0
100	PI/2 BPSK	270	0		13.74			
100	QPSK	1	1		14.01		15.5	0.0
100	QPSK	1	137		14.03			
100	QPSK	1	271		13.93			
100	QPSK	135	0		13.71		15.5	0.0
100	QPSK	135	69		13.85			
100	QPSK	135	138		13.80			
100	QPSK	270	0		13.86		15.5	0.0
100	16QAM	1	1		13.88		15.5	0.0
100	64QAM	1	1		13.83		15.5	0.0
100	256QAM	1	1		13.76		15.5	0.0
Channel				630000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3504.99		
90	QPSK	1	1	13.91	13.91	13.91	15.5	0.0
Channel				630666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3510		
80	QPSK	1	1	13.89	13.96	13.89	15.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3514.98		
70	QPSK	1	1	13.97	13.89	13.97	15.5	0.0
Channel				630002	633332	634662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3519.99		
60	QPSK	1	1	13.90	13.89	13.92	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.02	3466.98	3525		
50	QPSK	1	1	13.88	13.91	13.97	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3529.98		
40	QPSK	1	1	13.92	14.00	14.01	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3534.99		
30	QPSK	1	1	14.02	13.88	14.00	15.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3466.98	3537.48		
25	QPSK	1	1	13.88	14.02	13.89	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3466.98	3540		
20	QPSK	1	1	13.97	14.00	13.99	15.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3466.98	3542.49		
15	QPSK	1	1	13.95	13.92	14.02	15.5	0.0
Channel				630034	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3466.98	3544.98		
10	QPSK	1	1	13.91	14.01	13.93	15.5	0.0

Part27O n78_PC3_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.30		16.0	0.0
100	PI/2 BPSK	1	137		14.39			
100	PI/2 BPSK	1	271		14.32			
100	PI/2 BPSK	135	0		14.38		16.0	0.0
100	PI/2 BPSK	135	69		14.26		16.0	0.0
100	PI/2 BPSK	135	138		14.29		16.0	0.0
100	PI/2 BPSK	270	0		14.40			
100	QPSK	1	1		14.33		16.0	0.0
100	QPSK	1	137		14.49			
100	QPSK	1	271		14.39			
100	QPSK	135	0		14.27		16.0	0.0
100	QPSK	135	69		14.43			
100	QPSK	135	138		14.42			
100	QPSK	270	0		14.37		16.0	0.0
100	16QAM	1	1		14.23		16.0	0.0
100	64QAM	1	1		14.32		16.0	0.0
100	256QAM	1	1		14.45		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	14.35	14.48	14.47	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	14.42	14.37	14.41	16.0	0.0
Channel				649002	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765		
70	QPSK	1	1	14.34	14.35	14.44	16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3750	3750.98		
60	QPSK	1	1	14.47	14.35	14.34	16.0	0.0
Channel				649334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3774.99		
50	QPSK	1	1	14.47	14.36	14.34	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737	3750	3780		
40	QPSK	1	1	14.45	14.41	14.43	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3750	3794.98		
30	QPSK	1	1	14.46	14.47	14.42	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.35	14.38	14.38	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.46	14.37	14.36	16.0	0.0
Channel				647334	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.44	14.46	14.36	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.35	14.34	14.37	16.0	0.0

Default & Full Power for ENDC&ULCA_Other PA

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.40	24.41	24.33		
20	QPSK	1	49	24.23	24.28	24.20	25.5	0
20	QPSK	1	99	24.23	24.34	24.25		
20	QPSK	50	0	23.36	23.38	23.34		
20	QPSK	50	24	23.30	23.30	23.31	24.5	1
20	QPSK	50	50	23.24	23.29	23.26		
20	QPSK	100	0	23.21	23.33	23.31		
20	16QAM	1	0	23.19	23.26	23.23		
20	16QAM	1	49	23.35	23.39	23.28	24.5	1
20	16QAM	1	99	24.37	23.45	23.40		
20	16QAM	50	0	22.07	22.23	22.17		
20	16QAM	50	24	22.11	22.25	22.14	23.5	2
20	16QAM	50	50	22.09	22.27	22.13		
20	16QAM	100	0	22.14	22.19	22.05		
20	64QAM	1	0	22.02	22.02	22.07		
20	64QAM	1	49	22.16	22.31	22.31	23.5	2
20	64QAM	1	99	22.23	22.38	22.25		
20	64QAM	50	0	20.97	21.16	21.16		
20	64QAM	50	24	21.38	21.24	21.13	22.5	3
20	64QAM	50	50	21.16	21.27	21.09		
20	64QAM	100	0	21.11	21.19	21.14		
20	256QAM	1	0	19.06	19.08	18.88		
20	256QAM	1	49	19.06	19.18	19.09	20.5	5
20	256QAM	1	99	19.06	19.26	19.11		
20	256QAM	50	0	19.06	19.17	18.93		
20	256QAM	50	24	19.20	19.25	19.14	20.5	5
20	256QAM	50	50	19.28	19.31	19.25		
20	256QAM	100	0	19.10	19.15	19.04		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.31	24.35	24.32		
15	QPSK	1	37	24.16	24.22	24.01	25.5	0
15	QPSK	1	74	24.14	24.19	24.15		
15	QPSK	36	0	23.18	23.34	23.28		
15	QPSK	36	20	23.16	23.29	23.31	24.5	1
15	QPSK	36	39	23.09	23.26	23.55		
15	QPSK	75	0	23.11	23.24	23.27		
15	16QAM	1	0	23.15	23.22	23.14		
15	16QAM	1	37	23.18	23.22	23.27	24.5	1
15	16QAM	1	74	23.24	23.32	23.33		
15	16QAM	36	0	21.87	22.19	22.06		
15	16QAM	36	20	21.87	22.18	22.02	23.5	2
15	16QAM	36	39	21.99	22.13	22.09		
15	16QAM	75	0	22.01	22.14	21.92		
15	64QAM	1	0	21.85	22.02	22.17		
15	64QAM	1	37	22.03	22.13	22.19	23.5	2
15	64QAM	1	74	22.12	22.33	22.15		
15	64QAM	36	0	20.82	21.12	21.16		
15	64QAM	36	20	21.07	21.12	20.96	22.5	3
15	64QAM	36	39	21.09	21.11	21.06		
15	64QAM	75	0	21.06	21.10	20.96		
15	256QAM	1	0	18.97	18.90	18.75		
15	256QAM	1	37	18.90	19.15	18.98	20.5	5
15	256QAM	1	74	18.89	19.15	18.95		
15	256QAM	36	0	18.89	19.13	19.06		
15	256QAM	36	20	19.12	19.05	19.02	20.5	5
15	256QAM	36	39	19.09	19.28	19.07		
15	256QAM	75	0	19.08	19.07	18.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.20	24.36	24.33		
10	QPSK	1	25	24.04	24.11	24.16	25.5	0
10	QPSK	1	49	24.10	24.27	24.23		
10	QPSK	25	0	23.26	23.28	23.17		
10	QPSK	25	12	23.12	23.26	23.20	24.5	1
10	QPSK	25	25	23.05	23.23	22.93		
10	QPSK	50	0	23.02	23.24	23.18		
10	16QAM	1	0	23.02	23.19	23.07		
10	16QAM	1	25	23.24	23.29	23.27	24.5	1
10	16QAM	1	49	23.17	23.44	23.25		
10	16QAM	25	0	21.93	22.06	22.15		
10	16QAM	25	12	22.00	22.12	22.06	23.5	2
10	16QAM	25	25	22.00	22.13	22.07		
10	16QAM	50	0	21.97	22.00	21.99		
10	64QAM	1	0	21.91	22.11	22.06		
10	64QAM	1	25	22.02	22.17	22.28	23.5	2
10	64QAM	1	49	22.08	22.18	22.10		
10	64QAM	25	0	20.87	21.04	20.98		
10	64QAM	25	12	21.02	21.20	21.10	22.5	3
10	64QAM	25	25	21.05	21.15	21.03		
10	64QAM	50	0	20.98	21.11	21.08		
10	256QAM	1	0	18.95	18.96	18.75		
10	256QAM	1	25	19.02	19.00	19.09	20.5	5
10	256QAM	1	49	19.03	19.14	18.96		
10	256QAM	25	0	18.98	19.03	19.03		
10	256QAM	25	12	19.13	19.18	19.12	20.5	5
10	256QAM	25	25	19.02	19.27	19.13		
10	256QAM	50	0	18.97	18.96	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.38	24.24	24.33		
5	QPSK	1	12	24.18	24.14	24.07	25.5	0
5	QPSK	1	24	24.07	24.30	24.19		
5	QPSK	12	0	23.31	23.32	23.19		
5	QPSK	12	7	23.15	23.20	23.26	24.5	1
5	QPSK	12	13	23.09	23.29	23.07		
5	QPSK	25	0	23.11	23.22	23.16		
5	16QAM	1	0	23.18	23.25	23.19		
5	16QAM	1	12	23.18	23.31	23.15	24.5	1
5	16QAM	1	24	23.31	23.37	23.30		
5	16QAM	12	0	21.95	22.04	22.11		
5	16QAM	12	7	22.11	22.21	22.08	23.5	2
5	16QAM	12	13	22.09	22.20	22.05		
5	16QAM	25	0	21.93	21.89	21.89		
5	64QAM	1	0	21.85	22.03	22.10		
5	64QAM	1	12	21.96	22.30	22.21	23.5	2
5	64QAM	1	24	22.33	22.21	22.21		
5	64QAM	12	0	20.84	21.06	21.10		
5	64QAM	12	7	20.98	21.18	21.03	22.5	3
5	64QAM	12	13	21.01	21.07	20.97		
5	64QAM	25	0	20.93	21.15	21.13		
5	256QAM	1	0	18.93	19.02	18.85		
5	256QAM	1	12	19.00	19.12	19.00	20.5	5
5	256QAM	1	24	18.97	19.12	18.91		
5	256QAM	12	0	18.96	19.16	19.08		
5	256QAM	12	7	19.20	19.12	19.04	20.5	5
5	256QAM	12	13	19.15	19.22	19.12		
5	256QAM	25	0	19.08	19.09	18.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.24	24.40	24.22		
3	QPSK	1	8	24.06	24.28	24.17	25.5	0
3	QPSK	1	14	24.04	24.33	24.15		
3	QPSK	8	0	23.28	23.22	23.14		
3	QPSK	8	4	23.19	23.19	23.22	24.5	1
3	QPSK	8	7	23.14	23.09	22.94		
3	QPSK	15	0	23.14	23.30	23.20		
3	16QAM	1	0	22.99	23.23	23.22		
3	16QAM	1	8	23.22	23.36	23.09	24.5	1
3	16QAM	1	14	23.21	23.26	23.28		
3	16QAM	8	0	22.01	22.04	22.04		
3	16QAM	8	4	22.09	22.06	22.09	23.5	2
3	16QAM	8	7	22.01	22.12	22.03		
3	16QAM	15	0	22.12	22.15	22.04		
3	64QAM	1	0	22.02	22.08	22.10		
3	64QAM	1	8	22.05	22.16	22.14	23.5	2
3	64QAM	1	14	22.15	22.36	22.11		
3	64QAM	8	0	20.89	21.14	21.06		
3	64QAM	8	4	21.09	21.21	21.13	22.5	3
3	64QAM	8	7	21.12	21.08	20.89		
3	64QAM	15	0	21.04	21.01	21.09		
3	256QAM	1	0	19.05	18.96	18.72		
3	256QAM	1	8	19.01	19.07	19.04	20.5	5
3	256QAM	1	14	18.95	19.24	19.11		
3	256QAM	8	0	18.88	19.00	18.94		
3	256QAM	8	4	19.10	19.05	19.02	20.5	5
3	256QAM	8	7	19.08	19.29	19.19		
3	256QAM	15	0	18.99	18.96	19.02		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.21	24.37	24.23		
1.4	QPSK	1	3	24.03	24.12	24.15		
1.4	QPSK	1	5	24.24	24.24	24.09	25.5	0
1.4	QPSK	3	0	24.16	24.25	24.30		
1.4	QPSK	3	1	24.18	24.10	24.18		
1.4	QPSK	3	3	24.23	24.21	23.96		
1.4	QPSK	6	0	23.15	23.14	23.15	24.5	1
1.4	16QAM	1	0	23.19	23.22	23.09		
1.4	16QAM	1	3	23.31	23.35	23.08		
1.4	16QAM	1	5	23.36	23.36	23.26	24.5	1
1.4	16QAM	3	0	23.04	23.10	23.13		
1.4	16QAM	3	1	23.05	23.06	23.11		
1.4	16QAM	3	3	23.08	23.22	22.93		
1.4	16QAM	6	0	22.04	22.02	21.96	23.5	2
1.4	16QAM	6	1	21.94	22.12	22.11		
1.4	16QAM	6	3	22.08	22.28	22.23		
1.4	64QAM	1	0	21.94	22.02	22.06		
1.4	64QAM	1	3	22.23	22.38	22.11	23.5	2
1.4	64QAM	1	5	21.86	22.00	22.06		
1.4	64QAM	3	0	22.12	22.22	22.06		
1.4	64QAM	3	3	22.08	22.24	22.06		
1.4	64QAM	6	0	21.10	21.07	21.00	22.5	3
1.4	256QAM	1	0	18.97	19.07	18.87		
1.4	256QAM	1	3	18.90	19.02	18.90		
1.4	256QAM	1	5	19.02	19.13	18.93	20.5	5
1.4	256QAM	3	0	19.01	19.11	18.96		
1.4	256QAM	3	1	19.00	19.22	18.95		
1.4	256QAM	3	3	19.05	19.20	19.13		
1.4	256QAM	6	0	19.05	19.07	18.89	20.5	5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.57	23.65	23.55		
20	QPSK	1	49	23.54	23.53	23.54	24.5	0
20	QPSK	1	99	23.50	23.50	23.46		
20	QPSK	50	0	22.61	22.62	22.58		
20	QPSK	50	24	22.45	22.57	22.53	23.5	1
20	QPSK	50	50	22.49	22.55	22.39		
20	QPSK	100	0	22.56	22.63	22.51		
20	16QAM	1	0	22.56	22.65	22.53		
20	16QAM	1	49	22.53	22.67	22.49	23.5	1
20	16QAM	1	99	22.47	22.57	22.54		
20	16QAM	50	0	21.57	21.61	21.51		
20	16QAM	50	24	21.61	21.53	21.35	22.5	2
20	16QAM	50	50	21.35	21.54	21.47		
20	16QAM	100	0	21.57	21.60	21.40		
20	64QAM	1	0	21.43	21.55	21.39		
20	64QAM	1	49	21.61	21.63	21.53	22.5	2
20	64QAM	1	99	21.38	21.51	21.34		
20	64QAM	50	0	20.43	20.58	20.55		
20	64QAM	50	24	20.53	20.52	20.39	21.5	3
20	64QAM	50	50	20.41	20.50	20.34		
20	64QAM	100	0	20.55	20.56	20.45		
20	256QAM	1	0	18.27	18.45	18.32		
20	256QAM	1	49	18.31	18.44	18.39	19.5	5
20	256QAM	1	99	18.25	18.35	18.33		
20	256QAM	50	0	18.54	18.61	18.53		
20	256QAM	50	24	18.41	18.55	18.52	19.5	5
20	256QAM	50	50	18.34	18.51	18.34		
20	256QAM	100	0	18.55	18.58	18.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.51	23.51	23.44		
15	QPSK	1	37	23.45	23.55	23.35	24.5	0
15	QPSK	1	74	23.21	23.48	23.45		
15	QPSK	36	0	22.61	22.54	22.43		
15	QPSK	36	20	22.40	22.40	22.53	23.5	1
15	QPSK	36	39	22.38	22.43	22.38		
15	QPSK	75	0	22.45	22.46	22.31		
15	16QAM	1	0	22.46	22.60	22.36		
15	16QAM	1	37	22.39	22.47	22.44	23.5	1
15	16QAM	1	74	22.38	22.46	22.51		
15	16QAM	36	0	21.46	21.60	21.51		
15	16QAM	36	20	21.44	21.47	21.27	22.5	2
15	16QAM	36	39	21.28	21.42	21.39		
15	16QAM	75	0	21.56	21.50	21.20		
15	64QAM	1	0	21.24	21.50	21.29		
15	64QAM	1	37	21.45	21.59	21.43	22.5	2
15	64QAM	1	74	21.30	21.44	21.32		
15	64QAM	36	0	20.37	20.46	20.43		
15	64QAM	36	20	20.50	20.44	20.18	21.5	3
15	64QAM	36	39	20.29	20.34	20.20		
15	64QAM	75	0	20.28	20.44	20.28		
15	256QAM	1	0	18.24	18.29	18.30		
15	256QAM	1	37	18.11	18.38	18.24	19.5	5
15	256QAM	1	74	18.05	18.16	18.21		
15	256QAM	36	0	18.45	18.55	18.38		
15	256QAM	36	20	18.27	18.47	18.32	19.5	5
15	256QAM	36	39	18.28	18.37	18.36		
15	256QAM	75	0	18.51	18.39	18.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.49	23.52	23.49		
10	QPSK	1	25	23.35	23.53	23.43	24.5	0
10	QPSK	1	49	23.33	23.47	23.35		
10	QPSK	25	0	22.59	22.48	22.48		
10	QPSK	25	12	22.47	22.58	22.46	23.5	1
10	QPSK	25	25	22.32	22.52	22.32		
10	QPSK	50	0	22.40	22.59	22.39		
10	16QAM	1	0	22.39	22.54	22.40		
10	16QAM	1	25	22.41	22.51	22.37	23.5	1
10	16QAM	1	49	22.29	22.51	22.44		
10	16QAM	25	0	21.57	21.54	21.39		
10	16QAM	25	12	21.38	21.38	21.31	22.5	2
10	16QAM	25	25	21.16	21.35	21.28		
10	16QAM	50	0	21.56	21.46	21.28		
10	64QAM	1	0	21.32	21.47	21.24		
10	64QAM	1	25	21.57	21.60	21.35	22.5	2
10	64QAM	1	49	21.33	21.32	21.25		
10	64QAM	25	0	20.33	20.38	20.42		
10	64QAM	25	12	20.41	20.45	20.16	21.5	3
10	64QAM	25	25	20.41	20.49	20.06		
10	64QAM	50	0	20.53	20.51	20.38		
10	256QAM	1	0	18.27	18.40	18.32		
10	256QAM	1	25	18.19	18.38	18.31	19.5	5
10	256QAM	1	49	18.17	18.26	18.16		
10	256QAM	25	0	18.34	18.61	18.48		
10	256QAM	25	12	18.35	18.47	18.46	19.5	5
10	256QAM	25	25	18.22	18.47	18.14		
10	256QAM	50	0	18.55	18.36	18.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.61	23.53	23.53		
5	QPSK	1	12	23.47	23.35	23.35	24.5	0
5	QPSK	1	24	23.24	23.37	23.34		
5	QPSK	12	0	22.41	22.42	22.43		
5	QPSK	12	7	22.27	22.43	22.48	23.5	1
5	QPSK	12	13	22.35	22.55	22.19		
5	QPSK	25	0	22.04	22.57	22.23		
5	16QAM	1	0	22.41	22.60	22.53		
5	16QAM	1	12	22.48	22.58	22.32	23.5	1
5	16QAM	1	24	22.47	22.58	22.47		
5	16QAM	12	0	21.45	21.45	21.32		
5	16QAM	12	7	21.32	21.49	21.16	22.5	2
5	16QAM	12	13	21.18	21.49	21.44		
5	16QAM	25	0	21.50	21.60	21.31		
5	64QAM	1	0	21.36	21.37	21.34		
5	64QAM	1	12	21.59	21.60	21.44	22.5	2
5	64QAM	1	24	21.38	21.44	21.22		
5	64QAM	12	0	20.34	20.36	20.36		
5	64QAM	12	7	20.38	20.49	20.30	21.5	3
5	64QAM	12	13	20.38	20.41	20.22		
5	64QAM	25	0	20.43	20.48	20.25		
5	256QAM	1	0	18.23	18.27	18.41		
5	256QAM	1	12	18.16	18.32	18.20	19.5	5
5	256QAM	1	24	18.08	18.23	18.22		
5	256QAM	12	0	18.39	18.50	18.37		
5	256QAM	12	7	18.37	18.36	18.35	19.5	5
5	256QAM	12	13	18.27	18.48	18.24		
5	256QAM	25	0	18.45	18.52	18.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.58	23.55		
3	QPSK	1	8	23.54	23.43	23.52	24.5	0
3	QPSK	1	14	23.20	23.41	23.42		
3	QPSK	8	0	22.49	22.61	22.52		
3	QPSK	8	4	22.29	22.50	22.37	23.5	1
3	QPSK	8	7	22.29	22.38	22.33		
3	QPSK	15	0	22.37	22.49	22.43		
3	16QAM	1	0	22.53	22.52	22.36		
3	16QAM	1	8	22.41	22.66	22.32	23.5	1
3	16QAM	1	14	22.42	22.38	22.47		
3	16QAM	8	0	21.39	21.41	21.43		
3	16QAM	8	4	21.45	21.47	21.18	22.5	2
3	16QAM	8	7	21.62	21.33	21.50		
3	16QAM	15	0	21.56	21.50	21.35		
3	64QAM	1	0	21.35	21.47	21.29		
3	64QAM	1	8	21.51	21.51	21.38	22.5	2
3	64QAM	1	14	21.30	21.31	21.16		
3	64QAM	8	0	20.33	20.51	20.50		
3	64QAM	8	4	20.51	20.46	20.31	21.5	3
3	64QAM	8	7	20.34	20.46	20.30		
3	64QAM	15	0	20.49	20.55	20.31		
3	256QAM	1	0	18.09	18.31	18.38		
3	256QAM	1	8	18.16	18.43	18.36	19.5	5
3	256QAM	1	14	18.25	18.23	18.24		
3	256QAM	8	0	18.37	18.44	18.33		
3	256QAM	8	4	18.36	18.47	18.35	19.5	5
3	256QAM	8	7	18.32	18.49	18.25		
3	256QAM	15	0	18.54	18.54	18.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.39	23.61	23.41		
1.4	QPSK	1	3	23.37	23.52	23.52		
1.4	QPSK	1	5	23.33	23.34	23.40	24.5	0
1.4	QPSK	3	0	23.47	23.55	23.44		
1.4	QPSK	3	1	23.27	23.50	23.45		
1.4	QPSK	3	3	23.32	23.40	23.54		
1.4	QPSK	6	0	22.51	22.58	22.43	23.5	1
1.4	16QAM	1	0	22.54	22.58	22.33		
1.4	16QAM	1	3	22.67	22.90	22.74		
1.4	16QAM	1	5	22.28	22.44	22.39	23.5	1
1.4	16QAM	3	0	22.38	22.60	22.45		
1.4	16QAM	3	1	22.40	22.48	22.53		
1.4	16QAM	3	3	22.55	22.39	22.39		
1.4	16QAM	6	0	21.38	21.40	21.28	22.5	2
1.4	64QAM	1	0	21.22	21.46	21.35		
1.4	64QAM	1	3	21.50	21.50	21.39		
1.4	64QAM	1	5	21.31	21.44	21.18	22.5	2
1.4	64QAM	3	0	21.39	21.43	21.51		
1.4	64QAM	3	1	21.46	21.52	21.27		
1.4	64QAM	3	3	21.34	21.39	21.23		
1.4	64QAM	6	0	20.42	20.49	20.26	21.5	3
1.4	256QAM	1	0	18.27	18.38	18.24		
1.4	256QAM	1	3	18.21	18.31	18.31		
1.4	256QAM	1	5	18.17	18.29	18.17	19.5	5
1.4	256QAM	3	0	18.54	18.50	18.38		
1.4	256QAM	3	1	18.28	18.51	18.44		
1.4	256QAM	3	3	18.20	18.50	18.31		
1.4	256QAM	6	0	18.45	18.44	18.30	19.5	5

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.84	23.93	23.92		
20	QPSK	1	49	23.81	23.85	23.88	25.5	0
20	QPSK	1	99	23.80	23.94	23.74		
20	QPSK	50	0	22.87	22.95	22.88		
20	QPSK	50	24	22.72	22.86	22.87	24.5	1
20	QPSK	50	50	22.79	22.84	22.86		
20	QPSK	100	0	22.82	22.90	22.89		
20	16QAM	1	0	22.78	22.90

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59		
10	QPSK	25	12	23.55	23.57	23.55	24.5	1
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51		
10	16QAM	25	12	22.31	22.51	22.40	23.5	2
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60		
10	64QAM	1	25	22.53	22.68	22.68	23.5	2
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41		
10	64QAM	25	12	21.47	21.52	21.36	22.5	3
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66		
10	256QAM	25	12	19.70	19.72	19.59	20.5	5
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37		
5	QPSK	12	7	23.25	23.33	23.18	24.5	1
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.46		
5	16QAM	1	12	23.32	23.32	23.29	24.5	1
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25		
5	16QAM	12	7	22.03	22.23	22.04	23.5	2
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.30	22.32	22.42		
5	64QAM	1	12	22.30	22.32	22.42	23.5	2
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15		
5	64QAM	12	7	21.07	21.19	20.97	22.5	3
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33		
5	256QAM	1	12	19.15	19.45	19.24	20.5	5
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34		
5	256QAM	12	7	19.46	19.52	19.24	20.5	5
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20		
3	QPSK	8	4	23.35	23.17	23.32	24.5	1
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46		
3	16QAM	1	8	23.40	23.36	23.24	24.5	1
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.39	22.25		
3	16QAM	8	4	21.99	22.20	22.17	23.5	2
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32		
3	64QAM	1	8	22.26	22.48	22.44	23.5	2
3	64QAM	1	14	22.24	22.37	22.15		
3	64QAM	8	0	21.24	21.22	21.16		
3	64QAM	8	4	21.19	21.25	20.97	22.5	3
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35		
3	256QAM	1	8	19.34	19.31	19.30	20.5	5
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28		
3	256QAM	8	4	19.32	19.33	19.21	20.5	5
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.37	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.39	23.16	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32		
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14	24.5	1
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30		
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23	23.5	2
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27		
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25	20.5	5
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.28		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83		
10	QPSK	25	12	22.77	22.80	22.78	24.5	1
10	QPSK	25	25	22.71	22.76	22.79		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78		
10	16QAM	1	25	22.81	22.97	22.81	24.5	1
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78		
10	16QAM	25	12	21.77	21.79	21.78	23.5	2
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.79	21.79		
10	64QAM	1	25	21.86	21.93	21.93	23.5	2
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76		
10	64QAM	25	12	20.76	20.81	20.78	22.5	3
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.76	20.71		
10	256QAM	1	0	18.88	18.90	18.79		
10	256QAM	1	25	18.78	18.91	18.84	20.5	5
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.81	18.98	18.93		
10	256QAM	25	12	18.79	18.95	18.79	20.5	5
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.79	18.97	18.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59		
5	QPSK	12	7	22.62	22.58	22.50	24.5	1
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57		
5	16QAM	1	12	22.66	22.79	22.56	24.5	1
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53		
5	16QAM	12	7	21.58	21.55	21.52	23.5	2
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.60	21.61		
5	64QAM	1	12	21.69	21.72	21.75	23.5	2
5	64QAM	1	24	21.54	21.56	21.58		
5	64QAM	12	0	20.54	20.52	20.61		
5	64QAM	12	7	20.51	20.52	20.54	22.5	3
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58		
5	256QAM	1	12	18.54	18.58	18.57	20.5	5
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.68	18.73	18.68		
5	256QAM	12	7	18.56	18.74	18.50	20.5	5
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54		
3	QPSK	8	4	22.50	22.57	22.52	24.5	1
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.82	22.54		
3	16QAM	1	8	22.58	22.74	22.55	24.5	1
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.59	21.54		
3	16QAM	8	4	21.54	21.58	21.50	23.5	2
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58		
3	64QAM	1	8	21.57	21.73	21.57	23.5	2
3	64QAM	1	14	21.50	21.55	21.50		
3	64QAM	8	0	20.54	20.52	20.52		
3	64QAM	8	4	20.51	20.51	20.50	22.5	3
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58		
3	256QAM	1	8	18.58	18.69	18.53	20.5	5
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67		
3	256QAM	8	4	18.55	18.72	18.57	20.5	5
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.58	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.56	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51		
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.50	22.72	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54	24.5	1
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58		
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.56	21.52	21.54	23.5	2
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53		
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54	20.5	5
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.36	24.45	24.41	25.5	0
20	QPSK	1	49	24.28	24.29	24.31		
20	QPSK	1	99	24.10	24.30	24.23		
20	QPSK	50	0	23.44	23.49	23.41		
20	QPSK	50	24	23.40	23.32	23.40	24.5	1
20	QPSK	50	50	23.13	23.31	23.20		
20	QPSK	100	0	23.39	23.44	23.42		
20	16QAM	1	0	23.38	23.40	23.36		
20	16QAM	1	49	23.61	23.41	23.25	24.5	1
20	16QAM	1	99	23.14	23.34	23.30		
20	16QAM	50	0	22.21	22.38	22.31		
20	16QAM	50	24	22.30	22.33	22.28	23.5	2
20	16QAM	50	50	22.13	22.24	22.20		
20	16QAM	100	0	22.21	22.37	22.22		
20	64QAM	1	0	21.72	22.34	22.15		
20	64QAM	1	49	22.31	22.33	22.23	23.5	2
20	64QAM	1	99	22.27	22.27	22.14		
20	64QAM	50	0	21.19	21.39	21.21		
20	64QAM	50	24	21.21	21.26	21.08	22.5	3
20	64QAM	50	50	21.17	21.25	21.23		
20	64QAM	100	0	21.33	21.34	21.18		
20	256QAM	1	0	19.11	19.21	19.21		
20	256QAM	1	49	19.16	19.22	19.07	20.5	5
20	256QAM	1	99	19.05	19.15	19.01		
20	256QAM	50	0	19.27	19.38	19.24		
20	256QAM	50	24	19.25	19.31	19.27	20.5	5
20	256QAM	50	50	19.19	19.23	19.16		
20	256QAM	100	0	19.27	19.30	19.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.32	24.40	24.30	25.5	0
15	QPSK	1	37	24.09	24.21	24.18		
15	QPSK	1	74	24.05	24.28	24.13		
15	QPSK	36	0	23.35	23.37	23.36		
15	QPSK	36	20	23.32	23.32	23.22	24.5	1
15	QPSK	36	39	22.96	23.20	23.17		
15	QPSK	75	0	23.31	23.25	23.29		
15	16QAM	1	0	23.40	23.45	23.35		
15	16QAM	1	37	23.15	23.39	23.19	24.5	1
15	16QAM	1	74	23.13	23.23	23.28		
15	16QAM	36	0	22.10	22.24	22.21		
15	16QAM	36	20	22.07	22.22	22.05	23.5	2
15	16QAM	36	39	21.99	22.19	22.01		
15	16QAM	75	0	22.08	22.18	22.09		
15	64QAM	1	0	22.07	22.32	22.02		
15	64QAM	1	37	22.27	22.24	22.07	23.5	2
15	64QAM	1	74	22.09	22.24	21.96		
15	64QAM	36	0	21.17	21.24	21.08		
15	64QAM	36	20	21.03	21.14	20.91	22.5	3
15	64QAM	36	39	21.11	21.10	21.11		
15	64QAM	75	0	21.16	21.14	21.01		
15	256QAM	1	0	18.94	19.12	19.21		
15	256QAM	1	37	19.16	19.20	19.03	20.5	5
15	256QAM	1	74	19.00	19.10	18.91		
15	256QAM	36	0	19.20	19.31	19.07		
15	256QAM	36	20	19.19	19.31	19.14	20.5	5
15	256QAM	36	39	19.01	19.22	19.06		
15	256QAM	75	0	19.27	19.25	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.18	24.43	24.31	25.5	0
10	QPSK	1	25	24.20	24.28	24.27		
10	QPSK	1	49	24.08	24.13	24.11		
10	QPSK	25	0	23.38	23.46	23.36		
10	QPSK	25	12	23.27	23.25	23.29	24.5	1
10	QPSK	25	25	23.02	23.17	23.09		
10	QPSK	50	0	23.31	23.41	23.23		
10	16QAM	1	0	23.36	23.34	23.39		
10	16QAM	1	25	23.18	23.35	23.19	24.5	1
10	16QAM	1	49	23.06	23.30	23.23		
10	16QAM	25	0	22.07	22.19	22.02		
10	16QAM	25	12	22.24	22.15	22.17	23.5	2
10	16QAM	25	25	22.11	22.13	22.12		
10	16QAM	50	0	22.15	22.33	22.08		
10	64QAM	1	0	21.99	22.14	22.02		
10	64QAM	1	25	22.23	22.14	22.23	23.5	2
10	64QAM	1	49	22.20	22.07	22.03		
10	64QAM	25	0	21.07	21.29	21.05		
10	64QAM	25	12	21.15	21.07	20.89	22.5	3
10	64QAM	25	25	21.11	21.11	21.09		
10	64QAM	50	0	21.13	21.28	21.09		
10	256QAM	1	0	19.08	19.04	19.07		
10	256QAM	1	25	18.99	19.22	19.05	20.5	5
10	256QAM	1	49	18.99	19.10	18.98		
10	256QAM	25	0	19.16	19.31	19.23		
10	256QAM	25	12	19.14	19.13	19.08	20.5	5
10	256QAM	25	25	18.99	19.04	19.14		
10	256QAM	50	0	19.14	19.19	19.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.26	24.26	24.26	25.5	0
5	QPSK	1	12	24.17	24.12	24.23		
5	QPSK	1	24	23.96	24.30	24.17		
5	QPSK	12	0	23.34	23.40	23.30		
5	QPSK	12	7	23.31	23.14	23.39	24.5	1
5	QPSK	12	13	22.96	23.21	23.04		
5	QPSK	25	0	23.20	23.44	23.41		
5	16QAM	1	0	23.18	23.40	23.34		
5	16QAM	1	12	23.27	23.27	23.05	24.5	1
5	16QAM	1	24	23.05	23.22	23.27		
5	16QAM	12	0	22.01	22.30	22.12		
5	16QAM	12	7	22.24	22.30	22.08	23.5	2
5	16QAM	12	13	21.93	22.23	22.15		
5	16QAM	25	0	22.00	22.22	22.10		
5	64QAM	1	0	22.00	22.19	22.13		
5	64QAM	1	12	22.20	22.32	22.19	23.5	2
5	64QAM	1	24	21.97	22.17	21.98		
5	64QAM	12	0	21.00	21.24	21.20		
5	64QAM	12	7	21.10	21.13	21.00	22.5	3
5	64QAM	12	13	21.01	21.21	21.16		
5	64QAM	25	0	21.14	21.26	20.99		
5	256QAM	1	0	18.98	19.04	19.05		
5	256QAM	1	12	18.96	19.18	19.02	20.5	5
5	256QAM	1	24	18.85	19.00	18.82		
5	256QAM	12	0	19.10	19.28	19.08		
5	256QAM	12	7	19.30	19.28	19.08	20.5	5
5	256QAM	12	13	19.07	19.08	19.03		
5	256QAM	25	0	19.11	19.36	19.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.33	24.31	24.32	25.5	0
3	QPSK	1	8	24.23	24.27	24.30		
3	QPSK	1	14	23.96	24.14	24.20		
3	QPSK	8	0	23.44	23.48	23.23		
3	QPSK	8	4	23.27	23.31	23.33	24.5	1
3	QPSK	8	7	23.06	23.18	23.07		
3	QPSK	15	0	23.22	23.33	23.31		
3	16QAM	1	0	23.38	23.39	23.19		
3	16QAM	1	8	23.16	23.22	23.13	24.5	1
3	16QAM	1	14	23.07	23.33	23.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	24.17	24.53	24.33		
20	Pi/2 BPSK	1	53	24.31	24.31	24.14	25.5	0.0
20	Pi/2 BPSK	1	104	24.25	24.26	24.21		
20	Pi/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	Pi/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	Pi/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	Pi/2 BPSK	100	0	23.62	23.75	23.66		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.76	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168305	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168805	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169306	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	23.55	23.59	23.55		
20	Pi/2 BPSK	1	53	23.56	23.58	23.57	25.5	0.0
20	Pi/2 BPSK	1	104	23.53	23.52	23.56		
20	Pi/2 BPSK	50	0	23.08	23.03	23.06	25.0	0.5
20	Pi/2 BPSK	50	28	23.54	23.57	23.56	25.5	0.0
20	Pi/2 BPSK	50	56	23.09	23.12	23.08	25.0	0.5
20	Pi/2 BPSK	100	0	23.03	23.10	23.09		
20	QPSK	1	1	23.56	23.62	23.59	25.5	0.0
20	QPSK	1	53	23.54	23.60	23.55		
20	QPSK	1	104	23.51	23.58	23.53		
20	QPSK	50	0	22.51	22.53	22.51	24.5	1.0
20	QPSK	50	28	23.52	23.60	23.51	25.5	0.0
20	QPSK	50	56	22.59	22.51	22.51	24.5	1.0
20	QPSK	100	0	22.52	22.59	22.56		
20	16QAM	1	1	23.36	23.42	23.35	24.5	1.0
20	64QAM	1	1	22.05	22.16	21.97	23.0	2.5
20	256QAM	1	1	19.04	19.23	19.10	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.51	23.56	23.53	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.54	23.52	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.52	23.55	23.55	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	24.19	24.28	24.16		
40	Pi/2 BPSK	1	108	24.28	24.34	24.30	25.5	0.0
40	Pi/2 BPSK	1	214	24.04	24.16	24.12		
40	Pi/2 BPSK	108	0	23.75	23.80	23.77	25.0	0.5
40	Pi/2 BPSK	108	54	24.20	24.30	24.21	25.5	0.0
40	Pi/2 BPSK	108	108	23.64	23.68	23.58	25.0	0.5
40	Pi/2 BPSK	216	0	23.80	23.85	23.79		
40	QPSK	1	1	24.28	24.38	24.29	25.5	0.0
40	QPSK	1	108	24.19	24.25	24.21		
40	QPSK	1	214	24.06	24.16	24.11		
40	QPSK	108	0	23.25	23.27	23.21	24.5	1.0
40	QPSK	108	54	24.22	24.33	24.26	25.5	0.0
40	QPSK	108	108	23.06	23.16	23.12	24.5	1.0
40	QPSK	216	0	23.28	23.40	23.35		
40	16QAM	1	1	22.95	22.98	22.88	24.5	1.0
40	64QAM	1	1	21.53	21.59	21.51	23.0	2.5
40	256QAM	1	1	20.26	20.30	20.18	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.21	24.34	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.18	24.33	24.24	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.25	24.25	24.19	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.19	24.26	24.27	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.19	24.31	24.25	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.23	24.26	24.26	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.50	23.52	23.34		
40	PI/2 BPSK	1	108	23.45	23.59	23.52	24.5	0.0
40	PI/2 BPSK	1	214	23.25	23.40	23.24		
40	PI/2 BPSK	108	0	22.85	22.95	22.79	24.0	0.5
40	PI/2 BPSK	108	54	23.56	23.61	23.53	24.5	0.0
40	PI/2 BPSK	108	108	22.54	22.65	22.57	24.0	0.5
40	PI/2 BPSK	216	0	22.82	22.93	22.84		
40	QPSK	1	1	23.48	23.65	23.50		
40	QPSK	1	108	23.44	23.56	23.39	24.5	0.0
40	QPSK	1	214	23.25	23.44	23.41		
40	QPSK	108	0	22.40	22.45	22.45	23.5	1.0
40	QPSK	108	54	23.52	23.54	23.40	24.5	0.0
40	QPSK	108	108	22.04	22.19	22.01	23.5	1.0
40	QPSK	216	0	22.18	22.38	22.20		
40	16QAM	1	1	22.18	22.24	22.22	23.5	1.0
40	64QAM	1	1	20.78	20.78	20.60	22.0	2.5
40	256QAM	1	1	19.30	19.43	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.43	23.56	23.41	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.42	23.54	23.47	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.44	23.62	23.43	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.41	23.61	23.39	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.42	23.59	23.45	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.46	23.60	23.43	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.58	23.62	23.56		
40	PI/2 BPSK	1	108	23.72	23.73	23.72	25.5	0.0
40	PI/2 BPSK	1	214	23.60	23.64	23.57		
40	PI/2 BPSK	108	0	23.03	23.02	23.09	25.0	0.5
40	PI/2 BPSK	108	54	23.58	23.63	23.56	25.5	0.0
40	PI/2 BPSK	108	108	23.04	23.08	23.08	25.0	0.5
40	PI/2 BPSK	216	0	23.04	23.07	23.06		
40	QPSK	1	1	23.67	23.76	23.73		
40	QPSK	1	108	23.54	23.67	23.51	25.5	0.0
40	QPSK	1	214	23.52	23.72	23.67		
40	QPSK	108	0	22.58	22.78	22.75	24.5	1.0
40	QPSK	108	54	23.65	23.72	23.69	25.5	0.0
40	QPSK	108	108	22.55	22.65	22.53	24.5	1.0
40	QPSK	216	0	22.76	22.78	22.73		
40	16QAM	1	1	22.53	22.56	22.58	24.5	1.0
40	64QAM	1	1	21.00	21.14	21.05	23.0	2.5
40	256QAM	1	1	19.43	19.58	19.58	21.0	4.5
Channel				345500	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.54	23.56	23.54	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.53	23.56	23.53	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.54	23.53	23.51	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.56	23.53	23.58	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.51	23.62	23.60	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.57	23.53	23.55	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.29	23.31	23.12		
40	PI/2 BPSK	1	108	23.32	23.32	23.23	24.5	0.0
40	PI/2 BPSK	1	214	23.21	23.21	23.01		
40	PI/2 BPSK	108	0	22.57	22.72	22.70	24.0	0.5
40	PI/2 BPSK	108	54	23.33	23.33	23.20	24.5	0.0
40	PI/2 BPSK	108	108	22.37	22.43	22.42	24.0	0.5
40	PI/2 BPSK	216	0	22.54	22.70	22.63		
40	QPSK	1	1	23.22	23.35	23.26		
40	QPSK	1	108	23.19	23.31	23.17	24.5	0.0
40	QPSK	1	214	23.12	23.18	22.99		
40	QPSK	108	0	22.07	22.21	22.08	23.5	1.0
40	QPSK	108	54	23.18	23.32	23.17	24.5	0.0
40	QPSK	108	108	21.79	21.90	21.71	23.5	1.0
40	QPSK	216	0	21.83	22.02	21.85		
40	16QAM	1	1	21.85	22.05	21.95	23.5	1.0
40	64QAM	1	1	20.52	20.62	20.49	22.0	2.5
40	256QAM	1	1	19.04	19.20	19.13	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.13	23.27	23.20	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	23.19	23.32	23.24	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.16	23.32	23.19	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.20	23.30	23.20	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.17	23.31	23.20	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.13	23.30	23.19	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.38	14.53	14.44	15.5	0
20	QPSK	1	49	14.39	14.38	14.41		
20	QPSK	1	99	14.26	14.36	14.41		
20	QPSK	50	0	14.46	14.47	14.45	15.5	0
20	QPSK	50	24	14.49	14.35	14.28		
20	QPSK	50	50	14.40	14.33	14.42		
20	QPSK	100	0	14.38	14.48	14.30		
20	16QAM	1	0	14.19	14.27	14.23	15.5	0
20	16QAM	1	49	14.24	14.28	14.43		
20	16QAM	1	99	14.36	14.32	14.20		
20	16QAM	50	0	14.51	14.37	14.27	15.5	0
20	16QAM	50	24	14.28	14.40	14.50		
20	16QAM	50	50	14.33	14.38	14.47		
20	16QAM	100	0	14.39	14.37	14.50		
20	64QAM	1	0	14.38	14.38	14.48	15.5	0
20	64QAM	1	49	14.24	14.32	14.22		
20	64QAM	1	99	14.32	14.37	14.37		
20	64QAM	50	0	14.20	14.32	14.24	15.5	0
20	64QAM	50	24	14.44	14.36	14.26		
20	64QAM	50	50	14.34	14.35	14.27		
20	64QAM	100	0	14.36	14.26	14.20		
20	256QAM	1	0	14.14	14.16	14.22	15.5	0
20	256QAM	1	49	14.10	14.19	14.24		
20	256QAM	1	99	14.09	14.16	14.19		
20	256QAM	50	0	14.12	14.23	14.27	15.5	0
20	256QAM	50	24	14.26	14.21	14.32		
20	256QAM	50	50	14.15	14.18	14.11		
20	256QAM	100	0	14.30	14.28	14.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.26	14.32	14.44	15.5	0
15	QPSK	1	37	14.21	14.32	14.33		
15	QPSK	1	74	14.15	14.22	14.34		
15	QPSK	8	0	14.40	14.38	14.35	15.5	0
15	QPSK	36	20	14.31	14.28	14.14		
15	QPSK	36	39	14.22	14.27	14.37		
15	QPSK	75	0	14.25	14.43	14.19		
15	16QAM	1	0	14.20	14.09	14.15	15.5	0
15	16QAM	1	37	14.11	14.14	14.30		
15	16QAM	1	74	14.21	14.19	14.06		
15	16QAM	36	0	14.39	14.22	14.16	15.5	0
15	16QAM	36	20	14.22	14.29	14.45		
15	16QAM	36	39	14.27	14.28	14.32		
15	16QAM	75	0	14.34	14.22	14.39		
15	64QAM	1	0	14.33	14.27	14.35	15.5	0
15	64QAM	1	37	14.17	14.21	14.16		
15	64QAM	1	74	14.21	14.30	14.25		
15	64QAM	36	0	14.08	14.20	14.16	15.5	0
15	64QAM	36	20	14.34	14.24	14.14		
15	64QAM	36	39	14.26	14.28	14.17		
15	64QAM	75	0	14.31	14.12	14.10		
15	256QAM	1	0	14.07	14.02	14.15	15.5	0
15	256QAM	1	37	13.99	14.34	14.14		
15	256QAM	1	74	13.99	14.27	14.04		
15	256QAM	36	0	14.03	14.30	14.20	15.5	0
15	256QAM	36	20	14.11	14.29	14.25		
15	256QAM	36	39	14.06	14.27	14.01		
15	256QAM	75	0	14.24	14.35	14.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1716	1732.5	1749		
10	QPSK	1	0	14.29	14.47	14.35	15.5	0
10	QPSK	1	25	14.24	14.26	14.31		
10	QPSK	1	49	14.15	14.22	14.35		
10	QPSK	25	0	14.35	14.41	14.37	15.5	0
10	QPSK	25	12	14.34	14.24	14.16		
10	QPSK	25	25	14.33	14.26	14.34		
10	QPSK	50	0	14.33	14.35	14.19		
10	16QAM	1	0	14.05	14.17	14.10	15.5	0
10	16QAM	1	25	14.09	14.22	14.38		
10	16QAM	1	49	14.21	14.26	14.07		
10	16QAM	25	0	14.37	14.32	14.19	15.5	0
10	16QAM	25	12	14.21	14.31	14.41		
10	16QAM	25	25	14.22	14.27	14.40		
10	16QAM	50	0	14.25	14.26	14.43		
10	64QAM	1	0	14.28	14.23	14.33	15.5	0
10	64QAM	1	25	14.13	14.17	14.12		
10	64QAM	1	49	14.22	14.29	14.19		
10	64QAM	25	0	14.08	14.26	14.18	15.5	0
10	64QAM	25	12	14.38	14.23	14.16		
10	64QAM	25	25	14.22	14.24	14.18		
10	64QAM	50	0	14.23	14.18	14.08	15.5	0
10	256QAM	1	0	14.00	14.07	14.14		
10	256QAM	1	25	13.99	14.22	14.05		
10	256QAM	1	49	14.00	14.27	14.09		
10	256QAM	25	0	14.05	14.36	14.22	15.5	0
10	256QAM	25	12	14.17	14.27	14.38		
10	256QAM	25	25	14.08	14.30	14.04		
10	256QAM	50	0	14.24	14.33	14.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.29	14.40	14.31	15.5	0
5	QPSK	1	12	14.16	14.27	14.28		
5	QPSK	1	24	14.16	14.29	14.33		
5	QPSK	12	0	14.36	14.40	14.35	15.5	0
5	QPSK	12	7	14.36	14.20	14.14		
5	QPSK	12	13	14.35	14.18	14.35		
5	QPSK	25	0	14.28	14.37	14.25	15.5	0
5	16QAM	1	0	14.10	14.22	14.13		
5	16QAM	1	12	14.11	14.15	14.35		
5	16QAM	1	24	14.26	14.17	14.07		
5	16QAM	12	0	14.41	14.28	14.13	15.5	0
5	16QAM	12	7	14.15	14.29	14.41		
5	16QAM	12	13	14.27	14.24	14.37		
5	16QAM	25	0	14.24	14.25	14.39	15.5	0
5	64QAM	1	0	14.31	14.27	14.36		
5	64QAM	1	12	14.27	14.12	14.12		
5	64QAM	1	24	14.18	14.30	14.27		
5	64QAM	12	0	14.15	14.27	14.13	15.5	0
5	64QAM	12	7	14.33	14.29	14.30		
5	64QAM	12	13	14.23	14.24	14.15		
5	64QAM	25	0	14.31	14.16	14.15	15.5	0
5	256QAM	1	0	14.09	14.03	14.12		
5	256QAM	1	12	13.99	14.33	14.10		
5	256QAM	1	24	13.96	14.25	14.05		
5	256QAM	12	0	13.97	14.35	14.14	15.5	0
5	256QAM	12	7	13.96	14.36	14.18		
5	256QAM	12	13	14.02	14.28	14.00		
5	256QAM	25	0	14.21	14.35	14.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.28	14.38	14.29	15.5	0
3	QPSK	1	8	14.23	14.26	14.27		
3	QPSK	1	14	14.24	14.34	14.20		
3	QPSK	8	0	14.39	14.35	14.40	15.5	0
3	QPSK	8	4	14.35	14.29	14.23		
3	QPSK	8	7	14.33	14.25	14.36		
3	QPSK	15	0	14.29	14.38	14.22	15.5	0
3	16QAM	1	0	14.14	14.19	14.11		
3	16QAM	1	8	14.14	14.28	14.28		
3	16QAM	1	14	14.28	14.17	14.07		
3	16QAM	8	0	14.43	14.24	14.13	15.5	0
3	16QAM	8	4	14.17	14.27	14.37		
3	16QAM	8	7	14.21	14.27	14.42		
3	16QAM	15	0	14.33	14.29	14.37	15.5	0
3	16QAM	15	7	14.28	14.26	14.36		
3	64QAM	1	0	14.19	14.26	14.11	15.5	0
3	64QAM	1	8	14.24	14.22	14.26		
3	64QAM	1	14	14.05	14.20	14.17		
3	64QAM	8	0	14.38	14.21	14.16	15.5	0
3	64QAM	8	4	14.21	14.30	14.19		
3	64QAM	8	7	14.25	14.20	14.12		
3	64QAM	15	0	13.99	14.22	14.16	15.5	0
3	256QAM	1	0	14.05	14.30	14.12		
3	256QAM	1	8	14.01	14.23	14.03		
3	256QAM	1	14	14.15	14.29	14.15		
3	256QAM	8	0	14.18	14.28	14.22	15.5	0
3	256QAM	8	4	14.10	14.27	14.03		
3	256QAM	8	7	14.16	14.33	14.11		
3	256QAM	15	0	14.16	14.33	14.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.23	14.41	14.36	15.5	0
1.4	QPSK	1	3	14.17	14.27	14.29		
1.4	QPSK	1	5	14.17	14.21	14.36		
1.4	QPSK	3	0	14.32	14.33	14.36		
1.4	QPSK	3	2	14.29	14.24	14.20		
1.4	QPSK	3	3	14.29	14.18	14.32		
1.4	QPSK	6	0	14.23	14.39	14.25	15.5	0
1.4	16QAM	1	0	14.05	14.09	14.09		
1.4	16QAM	1	3	14.09	14.13	14.34		
1.4	16QAM	1	5	14.27	14.21	14.10	15.5	0
1.4	16QAM	3	0	14.42	14.30	14.22		
1.4	16QAM	3	1	14.33	14.26	14.36		
1.4	16QAM	3	3	14.26	14.28	14.34		
1.4	16QAM	6	0	14.26	14.25	14.39	15.5	0
1.4	64QAM	1	0	14.30	14.31	14.30		
1.4	64QAM	1	3	14.15	14.27	14.07		
1.4	64QAM	1	5	14.17	14.28	14.28	15.5	0
1.4	64QAM	3	0	14.24	14.24	14.14		
1.4	64QAM	3	1	14.33	14.30	14.18		
1.4	64QAM	3	3	14.21	14.22	14.22		
1.4	64QAM	6	0	14.31	14.20	14.25	15.5	0
1.4	256QAM	1	0	14.09	14.03	14.14		
1.4	256QAM	1	3	13.98	14.32	14.14		
1.4	256QAM	1	5	14.04	14.25	14.06		
1.4	256QAM	3	0	14.02	14.35	14.15	15.5	0
1.4	256QAM	3	1	14.16	14.27	14.19		
1.4	256QAM	3	3	14.05	14.26	14.05		
1.4	256QAM	6	0	14.22	14.43	14.14	15.5	0

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.57	23.65	23.55	24.5	0
20	QPSK	1	49	23.54	23.61	23.54		
20	QPSK	1	99	23.39	23.50	23.46		
20	QPSK	50	0	22.61	22.62	22.58	23.5	1
20	QPSK	50	24	22.45	22.37	22.53		
20	QPSK	50	50	22.49	22.55	22.39		
20	QPSK	100	0	22.56	22.63	22.51		
20	16QAM	1	0	22.56	22.65	22.53	23.5	1
20	16QAM	1	49	22.53	22.67	22.49		
20	16QAM	1	99	22.47	22.57	22.54		
20	16QAM	50	0	21.57	21.61	21.51	22.5	2
20	16QAM	50	24	21.51	21.33	21.35		
20	16QAM	50	50	21.35	21.54	21.47		
20	16QAM	100	0	21.57	21.60	21.40		
20	64QAM	1	0	21.42	21.55	21.33	22.5	2
20	64QAM	1	49	21.61	21.63	21.53		
20	64QAM	1	99	21.38	21.51	21.34		
20	64QAM	50	0	20.43	20.56	20.55	21.5	3
20	64QAM	50	24	20.52	20.54	20.35		
20	64QAM	50	50	20.41	20.50	20.34		
20	64QAM	100	0	20.55	20.56	20.45		
20	256QAM	1	0	18.27	18.45	18.42	19.5	5
20	256QAM	1	49	18.31	18.44	18.39		
20	256QAM	1	99	18.25	18.35	18.33		
20	256QAM	50	0	18.54	18.61	18.53	19.5	5
20	256QAM	50	24	18.41	18.55	18.52		
20	256QAM	50	50	18.34	18.51	18.34		
20	256QAM	100	0	18.55	18.55	18.42		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.51	23.61	23.44	24.5	0
15	QPSK	1	37	23.45	23.50	23.51		
15	QPSK	1	74	23.21	23.48	23.45		
15	QPSK	36	0	22.43	22.61	22.43	23.5	1
15	QPSK	36	20	22.40	22.36	22.51		
15	QPSK	36	39	22.38	22.43	22.38		
15	QPSK	75	0	22.45	22.46	22.31		
15	16QAM	1	0	22.39	22.48	22.36	23.5	1
15	16QAM	1	37	22.39	22.47	22.44		
15	16QAM	1	74	22.38	22.46	22.51		
15	16QAM	36	0	21.46	21.51	21.51	22.5	2
15	16QAM	36	20	21.44	21.47	21.27		
15	16QAM	36	39	21.28	21.42	21.39		
15	16QAM	75	0	21.58	21.50	21.20		
15	64QAM	1	0	21.64	21.50	21.29	22.5	2
15	64QAM	1	37	21.45	21.59	21.43		
15	64QAM	1	74	21.37	21.44	21.32		
15	64QAM	36	0	20.37	20.46	20.44	21.5	3
15	64QAM	36	20	20.50	20.44	20.18		
15	64QAM	36	39	20.29	20.28	20.20		
15	64QAM	75	0	20.48	20.44	20.28		
15	256QAM	1	0	18.24	18.29	18.30	19.5	5
15	256QAM	1	37	18.11	18.36	18.24		
15	256QAM	1	74	18.65	18.16	18.21		
15	256QAM	36	0	18.45	18.55	18.38	19.5	5
15	256QAM	36	20	18.27	18.47	18.32		
15	256QAM	36	39	18.08	18.43	18.22		
15	256QAM	75	0	18.51	18.39	18.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1716	1732.5	1749		
10	QPSK	1	0	23.49	23.59	23.45	24.5	0
10	QPSK	1	25	23.35	23.53	23.43		
10	QPSK	1	49	23.33	23.47	23.35		
10	QPSK	25	0	22.59	22.48	22.48	23.5	1
10	QPSK	25	12	22.42	22.47	22.36		
10	QPSK	25	25	22.32	22.52	22.32		
10	QPSK	50	0	22.40	22.59	22.39		
10	16QAM	1	0	22.52	22.64	22.48	23.5	1
10	16QAM	1	25	22.41	22.51	22.37		
10	16QAM	1	49	22.29	22.33	22.44		
10	16QAM	25	0	21.57	21.54	21.50	22.5	2
10	16QAM	25	12	21.38	21.38	21.31		
10	16QAM	25	25	21.56	21.35	21.28		
10	16QAM	50	0	21.56	21.46	21.28	22.5	2
10	64QAM	1	0	21.32	21.47	21.24		
10	64QAM	1	25	21.57	21.60	21.35		
10	64QAM	1	49	21.32	21.32	21.25		
10	64QAM	25	0	20.33	20.36	20.42	21.5	3
10	64QAM	25	12	20.41	20.45	20.16		
10	64QAM	25	25	20.41	20.49	20.14		
10	64QAM	50	0	20.53	20.51	20.38	21.5	3
10	256QAM	1	0	18.27	18.40	18.32		
10	256QAM	1	25	18.19	18.38	18.31		
10	256QAM	1	49	18.17	18.26	18.16		
10	256QAM	25	0	18.34	18.61	18.48	19.5	5
10	256QAM	25	12	18.35	18.47	18.46		
10	256QAM	25	25	18.22	18.47	18.14		
10	256QAM	50	0	18.55	18.36	18.25	19.5	5
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.51	23.61	23.53	24.5	0
5	QPSK	1	12	23.47	23.35	23.35		
5	QPSK	1	24	23.36	23.37	23.34		
5	QPSK	12	0	22.41	22.42	22.44	23.5	1
5	QPSK	12	7	22.27	22.43	22.48		
5	QPSK	12	13	22.35	22.37	22.19		
5	QPSK	25	0	22.54	22.57	22.51		
5	16QAM	1	0	22.41	22.60	22.53	23.5	1
5	16QAM	1	12	22.46	22.56	22.32		
5	16QAM	1	24	22.47	22.56	22.47		
5	16QAM	12	0	21.45	21.45	21.32	22.5	2
5	16QAM	12	7	21.32	21.49	21.16		
5	16QAM	12	13	21.18	21.49	21.44		
5	16QAM	25	0	21.50	21.60	21.31	22.5	2
5	64QAM	1	0	21.36	21.37	21.34		
5	64QAM	1	12	21.59	21.44	21.22		
5	64QAM	1	24	21.38	21.44	21.22		
5	64QAM	12	0	20.34	20.36	20.36	21.5	3
5	64QAM	12	7	20.38	20.40	20.30		
5	64QAM	12	13	20.38	20.41	20.22		
5	64QAM	25	0	20.43	20.48	20.25		
5	256QAM	1	0	18.23	18.42	18.41	19.5	5
5	256QAM	1	12	18.12	18.39	18.20		
5	256QAM	1	24	18.08	18.23	18.22		
5	256QAM	12	0	18.39	18.50	18.37	19.5	5
5	256QAM	12	7	18.27	18.48	18.37		
5	256QAM	12	13	18.27	18.48	18.24		
5	256QAM	25	0	18.45	18.52	18.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.58	23.55	24.5	0
3	QPSK	1	8	23.54	23.43	23.52		
3	QPSK	1	14	23.60	23.31	23.42		
3	QPSK	8	0	22.49	22.61	22.52	23.5	1
3	QPSK	8	4	22.29	22.50	22.37		
3	QPSK	8	7	22.29	22.38	22.33		
3	QPSK	15	0	22.37	22.49	22.43		
3	16QAM	1	0	22.53	22.52	22.36	23.5	1
3	16QAM	1	8	22.44	22.52	22.32		
3	16QAM	1	14	22.44	22.38	22.47		
3	16QAM	8	0	21.39	21.41	21.43	22.5	2
3	16QAM	8	4	21.45	21.48	21.41		
3	16QAM	8	7	21.33	21.52	21.43		
3	16QAM	15	0	21.56	21.50	21.35		
3	64QAM	1	0	21.35	21.47	21.29	22.5	2
3	64QAM	1	8	21.51	21.51	21.38		
3	64QAM	1	14	21.30	21.31	21.16		
3	64QAM	8	0	20.33	20.51	20.50	21.5	3
3	64QAM	8	4	20.34	20.46	20.31		
3	64QAM	8	7	20.34	20.46	20.30		
3	64QAM	15	0	20.49	20.55	20.31		
3	256QAM	1	0	18.09	18.31	18.38	19.5	5
3	256QAM	1	8	18.16	18.43	18.36		
3	256QAM	1	14	18.25	18.23	18.24		
3	256QAM	8	0	18.37	18.48	18.33	19.5	5
3	256QAM	8	4	18.22	18.47	18.35		
3	256QAM	8	7	18.32	18.49	18.25		
3	256QAM	15	0	18.54	18.31	18.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.39	23.61	23.41	24.5	0
1.4	QPSK	1	3	23.37	23.52	23.52		
1.4	QPSK	1	5	23.33	23.34	23.40		
1.4	QPSK	3	0	23.47	23.55	23.44	23.5	1
1.4	QPSK	3	2	23.27	23.50	23.45		
1.4	QPSK	3	3	23.40	23.40	23.24		
1.4	QPSK	6	0	22.51	22.58	22.43		
1.4	16QAM	1	0	22.38	22.56	22.33		
1.4	16QAM	1	3	22.43	22.51	22.30		
1.4	16QAM	1	5	22.28	22.44	22.39	23.5	1
1.4	16QAM	3	0	22.36	22.60	22.45		
1.4	16QAM	3	1	22.38	22.46	22.36		
1.4	16QAM	3	3	22.35	22.39	22.39		
1.4	16QAM	6	0	21.38	21.40	21.28	22.5	2
1.4	64QAM	1	0	21.22	21.45	21.35		
1.4	64QAM	1	3	21.50	21.50	21.39		
1.4	64QAM	1	5	21.31	21.44	21.18	22.5	2
1.4	64QAM	3	0	21.39	21.51	21.51		
1.4	64QAM	3	1	21.46	21.52	21.20		
1.4	64QAM	3	3	21.34	21.39	21.23		
1.4	64QAM	6	0	20.42	20.49	20.26	21.5	3
1.4	256QAM	1	0	18.27	18.38	18.24		
1.4	256QAM	1	3	18.21	18.31	18.31		
1.4	256QAM	1	5	18.17	18.29	18.17		
1.4	256QAM	3	0	18.54	18.50	18.38	19.5	5
1.4	256QAM	3	1	18.28	18.51	18.44		
1.4	256QAM	3	3	18.20	18.50	18.31		
1.4	256QAM	6	0	18.45	18.44	18.30	19.5	5

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.45	19.50	19.47	21	0
20	QPSK	1	49	19.39	19.40	19.43		
20	QPSK	1	99	19.41	19.41	19.37		
20	QPSK	50	0	19.36	19.34	19.39	21	0
20	QPSK	50	24	19.45	19.40	19.41		
20	QPSK	50	50	19.32	19.41	19.37		
20	QPSK	100	0	19.34	19.42	19.40		
20	16QAM	1	0

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.56	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51		
10	16QAM	25	12	22.31	22.51	22.40	23.5	2
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.65	22.60		
10	64QAM	1	25	22.53	22.68	22.68	23.5	2
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41		
10	64QAM	25	12	21.47	21.52	21.36	22.5	3
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66		
10	256QAM	25	12	19.70	19.72	19.59	20.5	5
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48		
5	16QAM	1	12	23.32	23.32	23.29	24.5	1
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25		
5	16QAM	12	7	22.03	22.28	22.04	23.5	2
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.22	22.07		
5	64QAM	1	0	22.14	22.39	22.40		
5	64QAM	1	12	22.30	22.32	22.42	23.5	2
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15		
5	64QAM	12	7	21.07	21.19	20.97	22.5	3
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33		
5	256QAM	1	12	19.15	19.45	19.33	20.5	5
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34		
5	256QAM	12	7	19.46	19.52	19.24	20.5	5
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.26	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46		
3	16QAM	1	8	23.40	23.36	23.24	24.5	1
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25		
3	16QAM	8	4	21.99	22.20	22.17	23.5	2
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32		
3	64QAM	1	8	22.26	22.48	22.44	23.5	2
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16		
3	64QAM	8	4	21.19	21.25	20.97	22.5	3
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35		
3	256QAM	1	8	19.34	19.31	19.30	20.5	5
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28		
3	256QAM	8	4	19.32	19.33	19.21	20.5	5
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.27		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32		
1.4	16QAM	1	3	23.30	23.52	23.16		
1.4	16QAM	1	5	23.25	23.26	23.47	24.5	1
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30		
1.4	64QAM	1	3	22.15	22.46	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23	23.5	2
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27		
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25	20.5	5
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.23	22.35	22.32	24	0
10	QPSK	1	25	22.22	22.33	22.24		
10	QPSK	1	49	22.15	22.20	22.20		
10	QPSK	25	0	22.23	22.31	22.21	24	0
10	QPSK	25	12	22.17	22.16	22.14		
10	QPSK	25	25	22.15	22.19	22.19		
10	QPSK	50	0	22.14	22.28	22.18		
10	16QAM	1	0	22.11	22.13	22.19		
10	16QAM	1	25	22.05	22.16	22.10	24	0
10	16QAM	1	49	22.03	22.14	22.08		
10	16QAM	25	0	21.70	21.79	21.78		
10	16QAM	25	12	21.77	21.79	21.76	23.5	0.5
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79		
10	64QAM	1	25	21.86	21.93	21.93	23.5	0.5
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76		
10	64QAM	25	12	20.78	20.81	20.78	22.5	1.5
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79		
10	256QAM	1	25	18.78	18.91	18.84	20.5	3.5
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93		
10	256QAM	25	12	18.79	18.95	18.79	20.5	3.5
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.03	22.22	22.09	24	0
5	QPSK	1	12	22.06	22.13	22.08		
5	QPSK	1	24	22.06	22.05	22.08		
5	QPSK	12	0	22.22	22.16	22.06	24	0
5	QPSK	12	7	22.16	22.01	22.13		
5	QPSK	12	13	22.05	22.09	22.07		
5	QPSK	25	0	22.13	22.13	22.15		
5	16QAM	1	0	22.03	22.10	22.15		
5	16QAM	1	12	22.04	22.10	22.08	24	0
5	16QAM	1	24	22.03	22.13	22.06		
5	16QAM	12	0	21.53	21.62	21.53		
5	16QAM	12	7	21.58	21.55	21.52	23.5	0.5
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54		
5	64QAM	1	12	21.69	21.72	21.75	23.5	0.5
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61		
5	64QAM	12	7	20.51	20.52	20.54	22.5	1.5
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58		
5	256QAM	1	12	18.54	18.58	18.57	20.5	3.5
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68		
5	256QAM	12	7	18.56	18.74	18.50	20.5	3.5
5	256QAM	12	13	18.55	18.74	18.59		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.10	22.22	22.19	24	0
3	QPSK	1	8	22.11	22.14	22.09		
3	QPSK	1	14	22.02	22.14	22.11		
3	QPSK	8	0	22.20	22.21	22.14	24	0
3	QPSK	8	4	22.03	22.07	22.01		
3	QPSK	8	7	22.10	22.16	22.05		
3	QPSK	15	0	22.05	22.21	22.17		
3	16QAM	1	0	22.08	22.03	22.10		
3	16QAM	1	8	22.10	22.08	22.01	24	0
3	16QAM	1	14	22.02	22.14	22.07		
3	16QAM	8	0	21.52	21.50	21.54		
3	16QAM	8	4	21.54	21.58	21.50	23.5	0.5
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58		
3	64QAM	1	8	21.57	21.73	21.57	23.5	0.5
3	64QAM	1	14	21.56	21.63	21.56		
3	64QAM	8	0	20.54	20.52	20.52		
3	64QAM	8	4	20.51	20.51	20.50	22.5	1.5
3	64QAM	8	7	20.52	20.54	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58		
3	256QAM	1	8	18.58	18.69	18.53	20.5	3.5
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67		
3	256QAM	8	4	18.55	18.72	18.57	20.5	3.5
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.12	22.21	22.12	24	0
1.4	QPSK	1	3	22.02	22.21	22.08		
1.4	QPSK	1	5	22.03	22.03	22.01		
1.4	QPSK	3	0	22.02	22.16	22.07		
1.4	QPSK	3	1	22.09	22.13	22.11		
1.4	QPSK	3	3	21.94	21.98	22.04		
1.4	QPSK	6	0	22.05	22.23	22.04	24	0
1.4	16QAM	1	0	22.03	22.12	22.18		
1.4	16QAM	1	3	22.09	22.08	22.03		
1.4	16QAM	1	5	22.02	22.12	22.03	24	0
1.4	16QAM	3	0	22.09	22.28	22.17		
1.4	16QAM	3	1	22.10	22.21	22.10		
1.4	16QAM	3	3	22.08	22.22	22.16		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	0.5
1.4	64QAM	1	0	21.58	21.62	21.58		
1.4	64QAM	1	3	21.58	21.62	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54	23.5	0.5
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.53	21.53		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	1.5
1.4	256QAM	1	0	18.58	18.52	18.53		
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54	20.5	3.5
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	3.5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.34	14.47	14.32	15.5	0
20	QPSK	1	49	14.24	14.38	14.23		
20	QPSK	1	99	14.28	14.42	14.29		
20	QPSK	50	0	14.25	14.39	14.24	15.5	0
20	QPSK	50	24	14.22	14.34	14.22		
20	QPSK	50	50	14.23	14.35	14.23		
20	QPSK	100	0	14.27	14.42	14.28		
20	16QAM	1	0	14.33	14.32	14.34		
20	16QAM	1	49	14.23	14.26	14.25	15.5	0
20	16QAM	1	99	14.27	14.29	14.27		
20	16QAM	50	0	14.27	14.27	14.24		
20	16QAM	50	24	14.21	14.21	14.21	15.5	0
20	16QAM	50	50	14.35	14.23	14.23		
20	16QAM	100	0	14.26	14.28	14.30		
20	64QAM	1	0	14.27	14.33	14.33		
20	64QAM	1	49	14.26	14.23	14.23	15.5	0
20	64QAM	1	99	14.19	14.30	14.27		
20	64QAM	50	0	14.23	14.24	14.26		
20	64QAM	50	24	14.28	14.22	14.20	15.5	0
20	64QAM	50	50	14.20	14.33	14.20		
20	64QAM	100	0	14.30	14.34	14.30		
20	256QAM	1	0	14.32	14.27	14.33		
20	256QAM	1	49	14.24	14.24	14.25	15.5	0
20	256QAM	1	99	14.20	14.23	14.21		
20	256QAM	50	0	14.25	14.23	14.25		
20	256QAM	50	24	14.22	14.28	14.22	15.5	0
20	256QAM	50	50	14.23	14.23	14.21		
20	256QAM	100	0	14.29	14.28	14.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.18	14.32	14.19	15.5	0
15	QPSK	1	37	14.18	14.25	14.14		
15	QPSK	1	74	14.13	14.36	14.23		
15	QPSK	36	0	14.09	14.34	14.23	15.5	0
15	QPSK	36	20	14.09	14.25	14.15		
15	QPSK	36	39	14.11	14.30	14.13		
15	QPSK	75	0	14.16	14.32	14.23		
15	16QAM	1	0	14.20	14.15	14.21	15.5	0
15	16QAM	1	37	14.11	14.15	14.18		
15	16QAM	1	74	14.15	14.17	14.17		
15	16QAM	36	0	14.22	14.21	14.11	15.5	0
15	16QAM	36	20	14.08	14.09	14.13		
15	16QAM	36	39	14.30	14.08	14.10		
15	16QAM	75	0	14.16	14.23	14.19		
15	64QAM	1	0	14.19	14.19	14.28	15.5	0
15	64QAM	1	37	14.18	14.17	14.13		
15	64QAM	1	74	14.11	14.20	14.22		
15	64QAM	36	0	14.14	14.09	14.15	15.5	0
15	64QAM	36	20	14.23	14.11	14.14		
15	64QAM	36	39	14.11	14.21	14.16		
15	64QAM	75	0	14.23	14.14	14.23		
15	256QAM	1	0	14.19	14.13	14.27	15.5	0
15	256QAM	1	37	14.19	14.37	14.10		
15	256QAM	1	74	14.18	14.25	14.17		
15	256QAM	36	0	14.19	14.32	14.13	15.5	0
15	256QAM	36	20	14.08	14.37	14.07		
15	256QAM	36	39	14.09	14.34	14.09		
15	256QAM	75	0	14.24	14.41	14.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.24	14.34	14.18	15.5	0
10	QPSK	1	25	14.15	14.23	14.13		
10	QPSK	1	49	14.23	14.29	14.18		
10	QPSK	25	0	14.17	14.34	14.16	15.5	0
10	QPSK	25	12	14.08	14.24	14.10		
10	QPSK	25	25	14.10	14.20	14.15		
10	QPSK	50	0	14.17	14.33	14.23		
10	16QAM	1	0	14.20	14.19	14.24	15.5	0
10	16QAM	1	25	14.16	14.15	14.13		
10	16QAM	1	49	14.15	14.15	14.17		
10	16QAM	25	0	14.19	14.22	14.13		
10	16QAM	25	12	14.06	14.09	14.08	15.5	0
10	16QAM	25	25	14.28	14.15	14.12		
10	16QAM	50	0	14.18	14.17	14.16		
10	64QAM	1	0	14.21	14.26	14.16		
10	64QAM	1	25	14.15	14.15	14.12	15.5	0
10	64QAM	1	49	14.06	14.14	14.15		
10	64QAM	25	0	14.13	14.11	14.19		
10	64QAM	25	12	14.16	14.16	14.07	15.5	0
10	64QAM	25	25	14.09	14.04	14.08		
10	64QAM	50	0	14.22	14.14	14.15		
10	256QAM	1	0	14.21	14.16	14.20	15.5	0
10	256QAM	1	25	14.16	14.16	14.09		
10	256QAM	1	49	14.24	14.25	14.12		
10	256QAM	25	0	14.20	14.37	14.19	15.5	0
10	256QAM	25	12	14.10	14.42	14.09		
10	256QAM	25	25	14.11	14.31	14.13		
10	256QAM	50	0	14.21	14.34	14.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.26	14.37	14.23	15.5	0
5	QPSK	1	12	14.17	14.28	14.15		
5	QPSK	1	24	14.18	14.34	14.16		
5	QPSK	12	0	14.18	14.33	14.13	15.5	0
5	QPSK	12	7	14.17	14.21	14.11		
5	QPSK	12	13	14.24	14.30	14.16		
5	QPSK	25	0	14.21	14.35	14.16		
5	16QAM	1	0	14.26	14.24	14.26	15.5	0
5	16QAM	1	12	14.13	14.13	14.17		
5	16QAM	1	24	14.13	14.21	14.18		
5	16QAM	12	0	14.14	14.13	14.12	15.5	0
5	16QAM	12	7	14.10	14.14	14.10		
5	16QAM	12	13	14.26	14.09	14.15		
5	16QAM	25	0	14.14	14.13	14.15		
5	64QAM	1	0	14.20	14.18	14.16	15.5	0
5	64QAM	1	12	14.18	14.14	14.19		
5	64QAM	1	24	14.13	14.15	14.19		
5	64QAM	12	0	14.12	14.11	14.17	15.5	0
5	64QAM	12	7	14.11	14.10	14.17		
5	64QAM	12	13	14.08	14.18	14.09		
5	64QAM	25	0	14.15	14.11	14.23		
5	256QAM	1	0	14.14	14.15	14.22	15.5	0
5	256QAM	1	12	14.12	14.36	14.20		
5	256QAM	1	24	14.21	14.31	14.21		
5	256QAM	12	0	14.11	14.28	14.13	15.5	0
5	256QAM	12	7	14.09	14.31	14.08		
5	256QAM	12	13	14.12	14.31	14.09		
5	256QAM	25	0	14.23	14.40	14.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.24	14.36	14.17	15.5	0
3	QPSK	1	8	14.13	14.24	14.08		
3	QPSK	1	14	14.28	14.27	14.17		
3	QPSK	8	0	14.12	14.33	14.11	15.5	0
3	QPSK	8	4	14.08	14.26	14.07		
3	QPSK	8	7	14.16	14.20	14.10		
3	QPSK	15	0	14.20	14.36	14.23		
3	16QAM	1	0	14.22	14.17	14.24	15.5	0
3	16QAM	1	8	14.17	14.13	14.16		
3	16QAM	1	14	14.15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.69	20.64	20.69	22.5	0.0
20	PI/2 BPSK	1	53	20.59	20.62	20.57		
20	PI/2 BPSK	1	104	20.50	20.57	20.50		
20	PI/2 BPSK	50	0	20.69	20.68	20.63	22.5	0.0
20	PI/2 BPSK	50	28	20.66	20.55	20.69	22.5	0.0
20	PI/2 BPSK	50	56	20.65	20.71	20.68	22.5	0.0
20	PI/2 BPSK	100	0	20.57	20.63	20.68		
20	QPSK	1	1	20.66	20.71	20.69	22.5	0.0
20	QPSK	1	53	20.60	20.62	20.68		
20	QPSK	1	104	20.55	20.61	20.51		
20	QPSK	50	0	20.62	20.65	20.63	22.5	0.0
20	QPSK	50	28	20.68	20.69	20.67	22.5	0.0
20	QPSK	50	56	20.63	20.61	20.57	22.5	0.0
20	QPSK	100	0	20.63	20.66	20.59		
20	16QAM	1	1	20.63	20.54	20.69	22.5	0.0
20	64QAM	1	1	20.61	20.65	20.50	22.5	0.0
20	256QAM	1	1	19.11	19.26	19.09	21.0	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.51	20.53	20.71	22.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.53	20.70	20.72	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.52	20.67	20.60	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	14.33	14.39	14.25	15.5	0.0
40	PI/2 BPSK	1	108	14.36	14.38	14.49		
40	PI/2 BPSK	1	214	14.34	14.44	14.48		
40	PI/2 BPSK	108	0	14.39	14.40	14.33	15.5	0.0
40	PI/2 BPSK	108	54	14.31	14.25	14.23	15.5	0.0
40	PI/2 BPSK	108	108	14.35	14.33	14.24	15.5	0.0
40	PI/2 BPSK	216	0	14.30	14.30	14.18		
40	QPSK	1	1	14.35	14.50	14.38	15.5	0.0
40	QPSK	1	108	14.27	14.38	14.33		
40	QPSK	1	214	14.33	14.43	14.32		
40	QPSK	108	0	14.31	14.34	14.28	15.5	0.0
40	QPSK	108	54	14.38	14.47	14.41	15.5	0.0
40	QPSK	108	108	14.33	14.39	14.28	15.5	0.0
40	QPSK	216	0	14.39	14.42	14.32		
40	16QAM	1	1	14.34	14.37	14.26	15.5	0.0
40	64QAM	1	1	14.33	14.41	14.37	15.5	0.0
40	256QAM	1	1	14.38	14.35	14.20	15.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.26	14.39	14.33	15.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.36	14.39	14.23	15.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.38	14.43	14.26	15.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.24	14.48	14.27	15.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.20	14.38	14.31	15.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.34	14.41	14.29	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.50	23.52	23.34	24.5	0.0
40	PI/2 BPSK	1	108	23.45	23.59	23.52		
40	PI/2 BPSK	1	214	23.25	23.40	23.24		
40	PI/2 BPSK	108	0	22.85	22.95	22.79	24.0	0.5
40	PI/2 BPSK	108	54	23.56	23.61	23.53	24.5	0.0
40	PI/2 BPSK	108	108	22.54	22.65	22.57	24.0	0.5
40	PI/2 BPSK	216	0	22.82	22.93	22.84		
40	QPSK	1	1	23.48	23.65	23.50	24.5	0.0
40	QPSK	1	108	23.44	23.56	23.39		
40	QPSK	1	214	23.25	23.44	23.41		
40	QPSK	108	0	22.40	22.45	22.45	23.5	1.0
40	QPSK	108	54	23.52	23.54	23.40	24.5	0.0
40	QPSK	108	108	22.04	22.19	22.01	23.5	1.0
40	QPSK	216	0	22.18	22.38	22.20		
40	16QAM	1	1	22.18	22.24	22.22	23.5	1.0
40	64QAM	1	1	20.78	20.78	20.60	22.0	2.5
40	256QAM	1	1	19.30	19.43	19.33	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.43	23.56	23.41	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.42	23.54	23.47	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.44	23.62	23.43	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.41	23.61	23.39	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.42	23.59	23.45	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.46	23.60	23.43	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.85	17.83	17.81	19.5	0.0
40	PI/2 BPSK	1	108	17.77	17.78	17.79		
40	PI/2 BPSK	1	214	17.82	17.81	17.79		
40	PI/2 BPSK	108	0	17.87	17.79	17.78	19.5	0.0
40	PI/2 BPSK	108	54	17.85	17.76	17.71	19.5	0.0
40	PI/2 BPSK	108	108	17.78	17.84	17.71	19.5	0.0
40	PI/2 BPSK	216	0	17.79	17.75	17.79		
40	QPSK	1	1	17.84	17.87	17.85	19.5	0.0
40	QPSK	1	108	17.80	17.79	17.78		
40	QPSK	1	214	17.84	17.78	17.78		
40	QPSK	108	0	17.80	17.80	17.77	19.5	0.0
40	QPSK	108	54	17.81	17.84	17.78	19.5	0.0
40	QPSK	108	108	17.75	17.77	17.73	19.5	0.0
40	QPSK	216	0	17.76	17.79	17.74		
40	16QAM	1	1	17.78	17.74	17.76	19.5	0.0
40	64QAM	1	1	17.70	17.75	17.84	19.5	0.0
40	256QAM	1	1	17.79	17.77	17.77	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.54	17.60	17.52	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.54	17.53	17.55	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.75	17.62	17.58	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.58	17.60	17.54	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.67	17.54	17.59	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.61	17.58	17.56	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.29	23.31	23.12	24.5	0.0
40	PI/2 BPSK	1	108	23.32	23.32	23.23		
40	PI/2 BPSK	1	214	23.21	23.21	23.01		
40	PI/2 BPSK	108	0	22.57	22.72	22.70	24.0	0.5
40	PI/2 BPSK	108	54	23.33	23.33	23.20	24.5	0.0
40	PI/2 BPSK	108	108	22.37	22.43	22.42	24.0	0.5
40	PI/2 BPSK	216	0	22.54	22.70	22.63		
40	QPSK	1	1	23.22	23.35	23.26	24.5	0.0
40	QPSK	1	108	23.19	23.31	23.17		
40	QPSK	1	214	23.12	23.18	22.99		
40	QPSK	108	0	22.07	22.21	22.08	23.5	1.0
40	QPSK	108	54	23.18	23.32	23.17	24.5	0.0
40	QPSK	108	108	21.79	21.90	21.71	23.5	1.0
40	QPSK	216	0	21.83	22.02	21.85		
40	16QAM	1	1	21.85	22.05	21.95	23.5	1.0
40	64QAM	1	1	20.52	20.62	20.49	22.0	2.5
40	256QAM	1	1	19.04	19.20	19.13	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.27	23.20	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.19	23.32	23.24	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.16	23.32	23.19	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.20	23.30	23.20	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.17	23.31	23.20	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.13	23.30	23.19	24.5	0.0

Reduced Power for DSI 1 ENDC&ULCA_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.36	18.48	18.34	19.5	0
20	QPSK	1	49	18.32	18.37	18.25		
20	QPSK	1	99	18.32	18.45	18.31		
20	QPSK	50	0	18.26	18.41	18.26	19.5	0
20	QPSK	50	24	18.24	18.38	18.24		
20	QPSK	50	50	18.21	18.36	18.24		
20	QPSK	100	0	18.32	18.45	18.32		
20	16QAM	1	0	18.41	18.39	18.43	19.5	0
20	16QAM	1	49	18.41	18.40	18.45		
20	16QAM	1	99	18.42	18.37	18.39		
20	16QAM	50	0	18.29	18.21	18.09	19.5	0
20	16QAM	50	24	18.31	18.32	18.23		
20	16QAM	50	50	18.42	18.27	18.16		
20	16QAM	100	0	18.35	18.25	18.24	19.5	0
20	64QAM	1	0	18.42	18.32	18.47		
20	64QAM	1	49	18.30	18.23	18.32		
20	64QAM	1	99	18.15	18.24	18.31		
20	64QAM	50	0	18.10	18.21	18.17	19.5	0
20	64QAM	50	24	18.43	18.32	18.38		
20	64QAM	50	50	18.35	18.26	18.29		
20	64QAM	100	0	18.32	18.26	18.41		
20	256QAM	1	0	18.26	18.40	18.21	19.5	0
20	256QAM	1	49	18.26	18.45	18.27		
20	256QAM	1	99	18.32	18.46	18.19		
20	256QAM	50	0	18.33	18.40	18.28	19.5	0
20	256QAM	50	24	18.29	18.45	18.19		
20	256QAM	50	50	18.27	18.39	18.26		
20	256QAM	100	0	18.34	18.39	18.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.19	18.30	18.21	19.5	0
15	QPSK	1	37	18.10	18.22	18.00		
15	QPSK	1	74	18.10	18.32	18.08		
15	QPSK	36	0	18.14	18.21	18.10	19.5	0
15	QPSK	36	20	18.03	18.22	18.01		
15	QPSK	36	39	18.04	18.22	17.99		
15	QPSK	75	0	18.18	18.21	18.08	19.5	0
15	16QAM	1	0	18.16	18.21	18.23		
15	16QAM	1	37	18.23	18.25	18.23		
15	16QAM	1	74	18.25	18.02	18.19		
15	16QAM	36	0	18.17	17.88	18.15	19.5	0
15	16QAM	36	20	18.14	18.17	18.02		
15	16QAM	36	39	18.41	18.13	18.07		
15	16QAM	75	0	18.37	18.24	18.21	19.5	0
15	64QAM	1	0	18.47	18.30	18.48		
15	64QAM	1	37	18.33	18.19	18.31		
15	64QAM	1	74	18.12	18.25	18.32		
15	64QAM	36	0	18.04	18.04	18.20	19.5	0
15	64QAM	36	20	18.36	18.24	18.38		
15	64QAM	36	39	18.28	18.27	18.30		
15	64QAM	75	0	18.23	18.25	18.33	19.5	0
15	256QAM	1	0	18.30	18.45	18.23		
15	256QAM	1	37	18.21	18.38	18.31		
15	256QAM	1	74	18.30	18.40	18.13		
15	256QAM	36	0	18.30	18.39	18.22	19.5	0
15	256QAM	36	20	18.21	18.40	18.19		
15	256QAM	36	39	18.31	18.39	18.18		
15	256QAM	75	0	18.39	18.40	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.19	18.23	18.10	19.5	0
10	QPSK	1	25	18.02	18.21	18.01		
10	QPSK	1	49	18.07	18.33	18.11		
10	QPSK	25	0	18.02	18.30	18.13	19.5	0
10	QPSK	25	12	18.02	18.24	18.04		
10	QPSK	25	25	18.10	18.24	18.11		
10	QPSK	50	0	18.07	18.29	18.10	19.5	0
10	16QAM	1	0	18.26	18.17	18.30		
10	16QAM	1	25	18.29	18.24	18.31	19.5	0
10	16QAM	1	49	18.29	18.06	18.22		
10	16QAM	25	0	18.05	18.09	17.88	19.5	0
10	16QAM	25	12	18.16	18.18	18.03		
10	16QAM	25	25	18.33	18.02	18.11		
10	16QAM	50	0	18.29	18.16	18.12	19.5	0
10	64QAM	1	0	18.47	18.37	18.44		
10	64QAM	1	25	18.22	18.15	18.25		
10	64QAM	1	49	18.14	18.29	18.27	19.5	0
10	64QAM	25	0	18.13	18.12	18.21		
10	64QAM	25	12	18.48	18.31	18.29		
10	64QAM	25	25	18.39	18.24	18.29	19.5	0
10	64QAM	50	0	18.35	18.24	18.32		
10	256QAM	1	0	18.33	18.45	18.25		
10	256QAM	1	25	18.18	18.44	18.27	19.5	0
10	256QAM	1	49	18.33	18.43	18.15		
10	256QAM	25	0	18.33	18.42	18.21	19.5	0
10	256QAM	25	12	18.22	18.46	18.14		
10	256QAM	25	25	18.26	18.39	18.30		
10	256QAM	50	0	18.38	18.37	18.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.14	18.34	18.15	19.5	0
5	QPSK	1	12	18.09	18.22	18.05		
5	QPSK	1	24	18.15	18.21	18.06		
5	QPSK	12	0	18.02	18.29	18.04	19.5	0
5	QPSK	12	7	18.02	18.24	18.12		
5	QPSK	12	13	17.99	18.21	18.12		
5	QPSK	25	0	18.14	18.25	18.18	19.5	0
5	16QAM	1	0	18.27	18.19	18.31		
5	16QAM	1	12	18.19	18.23	18.30	19.5	0
5	16QAM	1	24	18.19	18.16	18.19		
5	16QAM	12	0	18.17	18.10	17.93	19.5	0
5	16QAM	12	7	18.19	18.13	18.07		
5	16QAM	12	13	18.34	18.10	18.08		
5	16QAM	25	0	18.37	18.28	18.25	19.5	0
5	64QAM	1	0	18.37	18.33	18.38		
5	64QAM	1	12	18.25	18.16	18.32		
5	64QAM	1	24	18.20	18.25	18.23		
5	64QAM	12	0	18.06	18.25	18.10	19.5	0
5	64QAM	12	7	18.48	18.32	18.38		
5	64QAM	12	13	18.39	18.24	18.22		
5	64QAM	25	0	18.31	18.29	18.34	19.5	0
5	256QAM	1	0	18.33	18.31	18.17		
5	256QAM	1	12	18.39	18.24	18.29		
5	256QAM	1	24	18.33	18.43	18.16		
5	256QAM	12	0	18.25	18.38	18.24	19.5	0
5	256QAM	12	7	18.34	18.38	18.13		
5	256QAM	12	13	18.29	18.43	18.24		
5	256QAM	25	0	18.33	18.41	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.22	18.27	18.14	19.5	0
3	QPSK	1	8	18.07	18.19	18.09		
3	QPSK	1	14	18.18	18.29	18.08		
3	QPSK	8	0	18.03	18.23	18.08	19.5	0
3	QPSK	8	4	18.09	18.16	17.99		
3	QPSK	8	7	18.03	18.12	18.01		
3	QPSK	15	0	18.21	18.20	18.13	19.5	0
3	16QAM	1	0	18.22	18.22	18.23		
3	16QAM	1	8	18.23	18.19	18.34		
3	16QAM	1	14	18.17	18.08	18.15	19.5	0
3	16QAM	8	0	18.16	18.05	17.88		
3	16QAM	8	4	18.12	18.20	17.99	19.5	0
3	16QAM	8	7	18.40	18.02	18.18		
3	16QAM	15	0	18.38	18.25	18.23	19.5	0
3	64QAM	1	0	18.39	18.29	18.44		
3	64QAM	1	8	18.30	18.24	18.34		
3	64QAM	1	14	18.12	18.28	18.22		
3	64QAM	8	0	18.10	18.22	18.10	19.5	0
3	64QAM	8	4	18.46	18.25	18.34		
3	64QAM	8	7	18.34	18.39	18.32		
3	64QAM	15	0	18.29	18.31	18.46	19.5	0
3	256QAM	1	0	18.33	18.31	18.16		
3	256QAM	1	8	18.30	18.41	18.24		
3	256QAM	1	14	18.35	18.38	18.24		
3	256QAM	8	0	18.36	18.43	18.22	19.5	0
3	256QAM	8	4	18.29	18.40	18.14		
3	256QAM	8	7	18.32	18.42	18.31		
3	256QAM	15	0	18.31	18.31	18.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.14	18.29	18.23	19.5	0
1.4	QPSK	1	3	18.09	18.24	18.05		
1.4	QPSK	1	5	18.08	18.28	18.11		
1.4	QPSK	3	0	18.06	18.26	18.10	19.5	0
1.4	QPSK	3	1	18.04	18.19	17.99		
1.4	QPSK	3	3	17.97	18.23	18.10		
1.4	QPSK	6	0	18.21	18.23	18.17	19.5	0
1.4	16QAM	1	0	18.29	18.18	18.31		
1.4	16QAM	1	3	18.22	18.16	18.20		
1.4	16QAM	1	5	18.29	18.15	18.19	19.5	0
1.4	16QAM	3	0	18.04	17.97	17.94		
1.4	16QAM	3	1	18.11	18.15	18.12		
1.4	16QAM	3	3	18.39	18.15	18.21		
1.4	16QAM	6	0	18.40	18.19	18.27	19.5	0
1.4	64QAM	1	0	18.48	18.31	18.48		
1.4	64QAM	1	3	18.29	18.23	18.36		
1.4	64QAM	1	5	18.20	18.27	18.27	19.5	0
1.4	64QAM	3	0	18.06	18.14	18.10		
1.4	64QAM	3	1	18.44	18.23	18.40		
1.4	64QAM	3	3	18.32	18.19	18.29		
1.4	64QAM	6	0	18.37	18.23	18.40	19.5	0
1.4	256QAM	1	0	18.25	18.36	18.15	19.5	0
1.4	256QAM	1	3	18.19	18.44	18.19		
1.4	256QAM	1	5	18.34	18.39	18.16		
1.4	256QAM	3	0	18.32	18.32	18.29		
1.4	256QAM	3	1	18.27	18.39	18.20		
1.4	256QAM	3	3	18.22	18.37	18.29		
1.4	256QAM	6	0	18.26	18.35	18.13	19.5	0

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.48	17.58	17.47	18.5	0
20	QPSK	1	49	17.35	17.46	17.37		
20	QPSK	1	99	17.38	17.50	17.36		
20	QPSK	50	0	17.39	17.52	17.39	18.5	0
20	QPSK	50	24	17.36	17.50	17.36		
20	QPSK	50	50	17.36	17.51	17.38		
20	QPSK	100	0	17.42	17.54	17.40		
20	16QAM	1	0	17.40	17.56	17.41	18.5	0
20	16QAM	1	49	17.37	17.48	17.32		
20	16QAM	1	99	17.38	17.48	17.44		
20	16QAM	50	0	17.35	17.48	17.41	18.5	0
20	16QAM	50	24	17.34	17.45	17.45		
20	16QAM	50	50	17.34	17.48	17.44		
20	16QAM	100	0	17.47	17.43	17.42		
20	64QAM	1	0	17.39	17.50	17.53	18.5	0
20	64QAM	1	49	17.47	17.57	17.34		
20	64QAM	1	99	17.46	17.51	17.39		
20	64QAM	50	0	17.35	17.50	17.35	18.5	0
20	64QAM	50	24	17.42	17.46	17.45		
20	64QAM	50	50	17.46	17.53	17.36		
20	64QAM	100	0	17.44	17.55	17.45		
20	256QAM	1	0	17.48	17.58	17.37	18.5	0
20	256QAM	1	49	17.38	17.50	17.42		
20	256QAM	1	99	17.33	17.43	17.45		
20	256QAM	50	0	17.42	17.51	17.41	18.5	0
20	256QAM	50	24	17.38	17.53	17.42		
20	256QAM	50	50	17.38	17.57	17.39		
20	256QAM	100	0	17.38	17.54	17.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.38	17.57	17.35	18.5	0
15	QPSK	1	37	17.24	17.49	17.32		
15	QPSK	1	74	17.28	17.43	17.28		
15	QPSK	36	0	17.38	17.38	17.37	18.5	0
15	QPSK	36	20	17.29	17.50	17.22		
15	QPSK	36	39	17.27	17.39	17.21		
15	QPSK	75	0	17.39	17.51	17.26	18.5	0
15	16QAM	1	0	17.21	17.50	17.35		
15	16QAM	1	37	17.36	17.43	17.21		
15	16QAM	1	74	17.26	17.46	17.37		
15	16QAM	36	0	17.22	17.31	17.31	18.5	0
15	16QAM	36	20	17.35	17.46	17.39		
15	16QAM	36	39	17.32	17.36	17.39		
15	16QAM	75	0	17.52	17.46	17.44	18.5	0
15	64QAM	1	0	17.43	17.27	17.26		
15	64QAM	1	37	17.45	17.48	17.38		
15	64QAM	1	74	17.30	17.34	17.27		
15	64QAM	36	0	17.33	17.54	17.33	18.5	0
15	64QAM	36	20	17.44	17.38	17.45		
15	64QAM	36	39	17.51	17.47	17.30		
15	64QAM	75	0	17.38	17.56	17.49	18.5	0
15	256QAM	1	0	17.56	17.50	17.49		
15	256QAM	1	37	17.51	17.56	17.47		
15	256QAM	1	74	17.48	17.46	17.48		
15	256QAM	36	0	17.38	17.37	17.32	18.5	0
15	256QAM	36	20	17.30	17.48	17.42		
15	256QAM	36	39	17.34	17.43	17.43		
15	256QAM	75	0	17.40	17.55	17.40	18.5	0
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.27	17.57	17.45	18.5	0
10	QPSK	1	25	17.33	17.49	17.31		
10	QPSK	1	49	17.36	17.42	17.34		
10	QPSK	25	0	17.28	17.38	17.31	18.5	0
10	QPSK	25	12	17.23	17.41	17.29		
10	QPSK	25	25	17.31	17.43	17.21		
10	QPSK	50	0	17.36	17.40	17.37	18.5	0
10	16QAM	1	0	17.27	17.46	17.31		
10	16QAM	1	25	17.27	17.35	17.20		
10	16QAM	1	49	17.37	17.43	17.39		
10	16QAM	25	0	17.20	17.37	17.30	18.5	0
10	16QAM	25	12	17.41	17.52	17.42		
10	16QAM	25	25	17.45	17.37	17.55		
10	16QAM	50	0	17.47	17.53	17.53	18.5	0
10	64QAM	1	0	17.36	17.51	17.28		
10	64QAM	1	25	17.47	17.49	17.36		
10	64QAM	1	49	17.39	17.35	17.45		
10	64QAM	25	0	17.31	17.51	17.40	18.5	0
10	64QAM	25	12	17.46	17.40	17.47		
10	64QAM	25	25	17.50	17.36	17.36		
10	64QAM	50	0	17.25	17.45	17.35	18.5	0
10	256QAM	1	0	17.34	17.53	17.33		
10	256QAM	1	25	17.40	17.54	17.42		
10	256QAM	1	49	17.38	17.51	17.50		
10	256QAM	25	0	17.42	17.40	17.35	18.5	0
10	256QAM	25	12	17.41	17.44	17.33		
10	256QAM	25	25	17.41	17.38	17.38		
10	256QAM	50	0	17.29	17.56	17.36	18.5	0
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.36	17.47	17.25	18.5	0
5	QPSK	1	12	17.26	17.28	17.12		
5	QPSK	1	24	17.15	17.35	17.12		
5	QPSK	12	0	17.22	17.40	17.23	18.5	0
5	QPSK	12	7	17.11	17.26	17.25		
5	QPSK	12	13	17.11	17.27	17.14		
5	QPSK	25	0	17.24	17.29	17.29	18.5	0
5	16QAM	1	0	17.29	17.34	17.19		
5	16QAM	1	12	17.26	17.32	17.21		
5	16QAM	1	24	17.19	17.34	17.32		
5	16QAM	12	0	17.21	17.34	17.17	18.5	0
5	16QAM	12	7	17.27	17.41	17.30		
5	16QAM	12	13	17.28	17.40	17.20		
5	16QAM	25	0	17.50	17.43	17.33	18.5	0
5	64QAM	1	0	17.31	17.47	17.27		
5	64QAM	1	12	17.44	17.50	17.28		
5	64QAM	1	24	17.49	17.75	17.34		
5	64QAM	12	0	17.38	17.42	17.30	18.5	0
5	64QAM	12	7	17.37	17.45	17.50		
5	64QAM	12	13	17.41	17.41	17.38		
5	64QAM	25	0	17.41	17.57	17.48	18.5	0
5	256QAM	1	0	17.37	17.41	17.29		
5	256QAM	1	12	17.29	17.42	17.45		
5	256QAM	1	24	17.25	17.41	17.42		
5	256QAM	12	0	17.42	17.39	17.43	18.5	0
5	256QAM	12	7	17.32	17.40	17.40		
5	256QAM	12	13	17.31	17.50	17.40		
5	256QAM	25	0	17.31	17.48	17.39	18.5	0
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.38	17.57	17.42	18.5	0
3	QPSK	1	8	17.25	17.51	17.33		
3	QPSK	1	14	17.33	17.35	17.35		
3	QPSK	8	0	17.24	17.47	17.37	18.5	0
3	QPSK	8	4	17.22	17.48	17.29		
3	QPSK	8	7	17.23	17.19	17.19		
3	QPSK	15	0	17.30	17.53	17.32	18.5	0
3	16QAM	1	0	17.36	17.52	17.38		
3	16QAM	1	8	17.32	17.36	17.27		
3	16QAM	1	14	17.34	17.33	17.47		
3	16QAM	8	0	17.34	17.37	17.36	18.5	0
3	16QAM	8	4	17.27	17.36	17.24		
3	16QAM	8	7	17.29	17.35	17.35		
3	16QAM	15	0	17.45	17.36	17.46	18.5	0
3	64QAM	1	0	17.30	17.56	17.31		
3	64QAM	1	8	17.40	17.93	17.51		
3	64QAM	1	14	17.39	17.48	17.36		
3	64QAM	8	0	17.40	17.49	17.30	18.5	0
3	64QAM	8	4	17.40	17.57	17.47		
3	64QAM	8	7	17.48	17.49	17.41		
3	64QAM	15	0	17.46	17.49	17.39	18.5	0
3	256QAM	1	0	17.42	17.53	17.33		
3	256QAM	1	8	17.39	17.47	17.45		
3	256QAM	1	14	17.46	17.48	17.49		
3	256QAM	8	0	17.55	17.49	17.51	18.5	0
3	256QAM	8	4	17.46	17.48	17.37		
3	256QAM	8	7	17.31	17.53	17.32		
3	256QAM	15	0	17.31	17.49	17.37	18.5	0
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.35	17.52	17.45	18.5	0
1.4	QPSK	1	3	17.36	17.50	17.34		
1.4	QPSK	1	5	17.36	17.42	17.21		
1.4	QPSK	3	0	17.28	17.42	17.36	18.5	0
1.4	QPSK	3	1	17.24	17.44	17.26		
1.4	QPSK	3	3	17.25	17.41	17.13		
1.4	QPSK	6	0	17.41	17.49	17.32	18.5	0
1.4	16QAM	1	0	17.36	17.49	17.31		
1.4	16QAM	1	3	17.33	17.43	17.45		
1.4	16QAM	1	5	17.24	17.45	17.36	18.5	0
1.4	16QAM	3	0	17.20	17.41	17.29		
1.4	16QAM	3	1	17.41	17.37	17.33		
1.4	16QAM	3	3	17.42	17.46	17.55		
1.4	16QAM	6	0	17.48	17.55	17.47	18.5	0
1.4	64QAM	1	0	17.49	17.60	17.63		
1.4	64QAM	1	3	17.49	17.48	17.25		
1.4	64QAM	1	5	17.48	17.49	17.35	18.5	0
1.4	64QAM	3	0	17.44	17.53	17.48		
1.4	64QAM	3	1	17.64	17.67	17.50		
1.4	64QAM	3	3	17.48	17.54	17.32		
1.4	64QAM	6	0	17.43	17.53	17.48	18.5	0
1.4	256QAM	1	0	17.37	17.39	17.42		
1.4	256QAM	1	3	17.40	17.54	17.41		
1.4	256QAM	1	5	17.30	17.47	17.44	18.5	0
1.4	256QAM	3	0	17.37	17.38	17.37		
1.4	256QAM	3	1	17.37	17.55	17.40		
1.4	256QAM	3	3	17.33	17.56	17.39		
1.4	256QAM	6	0	17.33	17.50	17.34	18.5	0

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.84	23.93	23.92	25.5	0
20	QPSK	1	49	23.81	23.85	23.87		
20	QPSK	1	99	23.80	23.84	23.74		
20	QPSK	50	0	22.87	22.95	22.88	24.5	1
20	QPSK	50	24	22.72	22.86	22.87		
20	QPSK	50	50	22.79	22.84	22.86		
20	QPSK	100	0	22.82	22.90

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.52	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.73	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.48	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.20	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.38	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.39	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.15	22.26		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.37	24.37	24.15		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.29	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.28		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.78		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.76	20.71		
10	256QAM	1	0	18.88	18.92	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.93	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.92	18.74		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.66	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.89	21.72	21.75		
5	64QAM	1	24	21.58	21.56	21.58		
5	64QAM	12	0	20.51	20.51	20.51	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.82	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.58	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.54	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.59	18.59		
3	256QAM	8	0	18.53	18.74	18.50	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.56	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.51	22.73	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.53	21.53		
1.4	64QAM	3	0	20.50	21.51	21.52	22.5	3
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.92	19.03	18.96	20	0
20	QPSK	1	49	18.82	18.90	18.74		
20	QPSK	1	99	18.76	18.89	18.86		
20	QPSK	50	0	18.81	18.96	18.88	20	0
20	QPSK	50	24	18.70	18.88	18.74		
20	QPSK	50	50	18.74	18.89	18.79		
20	QPSK	100	0	18.89	18.92	18.77		
20	16QAM	1	0	18.82	18.84	18.83	20	0
20	16QAM	1	49	18.82	18.84	18.82		
20	16QAM	1	99	18.72	18.88	18.76		
20	16QAM	50	0	18.72	18.76	18.73	20	0
20	16QAM	50	24	18.73	18.77	18.73		
20	16QAM	50	50	19.01	18.74	18.93		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.95	18.95	18.92	20	0
20	64QAM	1	49	18.91	18.92	18.95		
20	64QAM	1	99	18.87	18.91	18.98		
20	64QAM	50	0	18.92	18.92	18.87	20	0
20	64QAM	50	24	18.97	18.92	18.90		
20	64QAM	50	50	18.85	18.94	18.83		
20	64QAM	100	0	18.99	18.89	18.95		
20	256QAM	1	0	18.87	18.97	18.93	20	0
20	256QAM	1	49	18.88	18.98	18.98		
20	256QAM	1	99	18.84	18.92	18.97		
20	256QAM	50	0	18.92	18.94	18.89	20	0
20	256QAM	50	24	18.84	19.01	18.93		
20	256QAM	50	50	18.93	18.88	18.92		
20	256QAM	100	0	18.90	19.00	18.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.77	18.78	18.78	20	0
15	QPSK	1	37	18.68	18.78	18.55		
15	QPSK	1	74	18.54	18.74	18.68		
15	QPSK	36	0	18.67	18.72	18.69	20	0
15	QPSK	36	20	18.55	18.88	18.52		
15	QPSK	36	39	18.57	18.75	18.58		
15	QPSK	75	0	18.76	18.67	18.53		
15	16QAM	1	0	18.61	18.59	18.59	20	0
15	16QAM	1	37	18.61	18.65	18.60		
15	16QAM	1	74	18.55	18.68	18.61		
15	16QAM	36	0	18.60	18.60	18.53	20	0
15	16QAM	36	20	18.59	18.59	18.51		
15	16QAM	36	39	18.98	18.63	18.96		
15	16QAM	75	0	18.85	18.92	18.86	20	0
15	64QAM	1	0	18.99	19.00	18.93		
15	64QAM	1	37	18.89	18.88	18.92		
15	64QAM	1	74	18.84	18.84	18.94		
15	64QAM	36	0	18.91	18.88	18.91	20	0
15	64QAM	36	20	18.96	18.84	18.93		
15	64QAM	36	39	18.77	18.97	18.88		
15	64QAM	75	0	18.98	18.87	18.98		
15	256QAM	1	0	18.84	18.92	18.94	20	0
15	256QAM	1	37	18.85	18.98	19.03		
15	256QAM	1	74	18.81	18.88	18.96		
15	256QAM	36	0	18.85	18.89	18.94	20	0
15	256QAM	36	20	18.86	18.96	18.93		
15	256QAM	36	39	18.84	18.84	18.90		
15	256QAM	75	0	18.90	19.01	18.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.73	18.80	18.75	20	0
10	QPSK	1	25	18.62	18.67	18.52		
10	QPSK	1	49	18.53	18.65	18.62		
10	QPSK	25	0	18.75	18.70	18.72	20	0
10	QPSK	25	12	18.58	18.73	18.60		
10	QPSK	25	25	18.59	18.70	18.67		
10	QPSK	50	0	18.75	18.70	18.55	20	0
10	16QAM	1	0	18.71	18.82	18.72		
10	16QAM	1	25	18.63	18.59	18.60		
10	16QAM	1	49	18.60	18.67	18.61		
10	16QAM	25	0	18.50	18.64	18.55	20	0
10	16QAM	25	12	18.54	18.63	18.50		
10	16QAM	25	25	19.00	18.58	18.85		
10	16QAM	50	0	18.79	18.94	18.78	20	0
10	64QAM	1	0	18.89	18.95	18.94		
10	64QAM	1	25	18.83	18.95	18.96		
10	64QAM	1	49	18.86	18.94	18.91	20	0
10	64QAM	25	0	18.94	18.89	18.89		
10	64QAM	25	12	18.91	18.87	18.94		
10	64QAM	25	25	18.95	18.91	18.95		
10	64QAM	50	0	18.94	18.92	18.92	20	0
10	256QAM	1	0	18.80	18.95	18.94		
10	256QAM	1	25	18.92	19.03	19.02		
10	256QAM	1	49	18.92	18.80	18.96		
10	256QAM	25	0	18.95	18.80	18.82	20	0
10	256QAM	25	12	18.89	18.96	18.93		
10	256QAM	25	25	18.84	18.90	18.96		
10	256QAM	50	0	18.93	18.93	18.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.76	18.79	18.71	20	0
5	QPSK	1	12	18.67	18.79	18.53		
5	QPSK	1	24	18.54	18.77	18.61		
5	QPSK	12	0	18.66	18.79	18.69	20	0
5	QPSK	12	7	18.58	18.65	18.54		
5	QPSK	12	13	18.63	18.64	18.61		
5	QPSK	25	0	18.73	18.77	18.72	20	0
5	16QAM	1	0	18.71	18.60	18.68		
5	16QAM	1	12	18.71	18.67	18.57		
5	16QAM	1	24	18.58	18.71	18.58		
5	16QAM	12	0	18.47	18.64	18.54	20	0
5	16QAM	12	7	18.55	18.61	18.54		
5	16QAM	12	13	18.57	18.59	18.53		
5	16QAM	25	0	18.92	18.94	18.90	20	0
5	64QAM	1	0	18.92	18.86	18.96		
5	64QAM	1	12	18.90	18.83	18.89		
5	64QAM	1	24	18.88	18.90	18.83		
5	64QAM	12	0	18.84	18.85	18.82	20	0
5	64QAM	12	7	19.02	18.88	18.81		
5	64QAM	12	13	18.98	18.88	18.94		
5	64QAM	25	0	18.90	18.93	18.88	20	0
5	256QAM	1	0	18.80	18.97	18.97		
5	256QAM	1	12	18.92	18.92	18.92		
5	256QAM	1	24	18.80	18.89	19.02		
5	256QAM	12	0	18.96	18.82	18.90	20	0
5	256QAM	12	7	18.99	18.96	18.94		
5	256QAM	12	13	18.94	18.86	18.90		
5	256QAM	25	0	18.89	19.03	18.86		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.72	18.86	18.83	20	0
3	QPSK	1	8	18.57	18.73	18.60		
3	QPSK	1	14	18.58	18.75	18.64		
3	QPSK	8	0	18.61	18.85	18.67	20	0
3	QPSK	8	4	18.54	18.72	18.52		
3	QPSK	8	7	18.61	18.71	18.56		
3	QPSK	15	0	18.72	18.68	18.63		
3	16QAM	1	0	18.59	18.67	18.59	20	0
3	16QAM	1	8	18.62	18.71	18.47		
3	16QAM	1	14	18.61	18.75	18.54		
3	16QAM	8	0	18.53	18.63	18.58	20	0
3	16QAM	8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.05	23.02	25.0	0.0
20	PI/2 BPSK	1	53	23.05	23.03	23.14		
20	PI/2 BPSK	1	104	23.08	23.07	23.08		
20	PI/2 BPSK	50	0	23.05	23.04	23.11	25.0	0.0
20	PI/2 BPSK	50	28	23.12	23.03	23.06	25.0	0.0
20	PI/2 BPSK	50	56	23.14	23.05	23.05	25.0	0.0
20	PI/2 BPSK	100	0	23.10	23.19	23.13		
20	QPSK	1	1	23.17	23.20	23.15	25.0	0.0
20	QPSK	1	53	23.02	23.14	23.10		
20	QPSK	1	104	23.08	23.09	23.10		
20	QPSK	50	0	22.58	22.58	22.51	24.5	0.5
20	QPSK	50	28	23.05	23.10	23.03	25.0	0.0
20	QPSK	50	56	22.76	22.59	22.67	24.5	0.5
20	QPSK	100	0	22.69	22.77	22.68		
20	16QAM	1	1	22.79	22.78	22.75	24.5	0.5
20	64QAM	1	1	21.26	21.40	21.38	23.0	2.0
20	256QAM	1	1	19.20	19.41	19.29	21.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.05	23.14	23.11	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.09	23.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.15	23.18	23.09	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.09	18.21	18.11	19.5	0.0
40	PI/2 BPSK	1	108	18.01	18.14	17.99		
40	PI/2 BPSK	1	214	18.05	18.20	18.06		
40	PI/2 BPSK	108	0	18.05	18.17	18.03	19.5	0.0
40	PI/2 BPSK	108	54	17.97	18.11	17.97	19.5	0.0
40	PI/2 BPSK	108	108	18.01	18.15	18.03	19.5	0.0
40	PI/2 BPSK	216	0	17.98	18.13	17.99		
40	QPSK	1	1	18.23	18.25	18.20	19.5	0.0
40	QPSK	1	108	18.22	18.18	18.17		
40	QPSK	1	214	18.08	18.15	18.15		
40	QPSK	108	0	18.19	18.22	18.12	19.5	0.0
40	QPSK	108	54	18.21	18.23	18.18	19.5	0.0
40	QPSK	108	108	18.09	18.14	18.11	19.5	0.0
40	QPSK	216	0	18.12	18.19	18.15		
40	16QAM	1	1	17.88	17.93	17.86	19.5	0.0
40	64QAM	1	1	18.08	17.98	18.03	19.5	0.0
40	256QAM	1	1	18.00	18.10	18.04	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.18	18.18	18.15	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.16	18.19	18.11	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.10	18.19	18.11	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.10	18.10	18.07	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.11	18.13	18.09	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.08	18.14	17.98	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.34	16.47	16.40	17.5	0.0
40	PI/2 BPSK	1	108	16.33	16.45	16.35		
40	PI/2 BPSK	1	214	16.14	16.25	16.20		
40	PI/2 BPSK	108	0	16.38	16.51	16.43	17.5	0.0
40	PI/2 BPSK	108	54	16.43	16.50	16.38	17.5	0.0
40	PI/2 BPSK	108	108	16.28	16.41	16.32	17.5	0.0
40	PI/2 BPSK	216	0	16.34	16.48	16.34		
40	QPSK	1	1	16.47	16.58	16.53	17.5	0.0
40	QPSK	1	108	16.37	16.47	16.37		
40	QPSK	1	214	16.23	16.33	16.25		
40	QPSK	108	0	16.24	16.31	16.23	17.5	0.0
40	QPSK	108	54	16.39	16.50	16.37	17.5	0.0
40	QPSK	108	108	16.31	16.41	16.27	17.5	0.0
40	QPSK	216	0	16.40	16.47	16.34		
40	16QAM	1	1	16.14	16.26	16.12	17.5	0.0
40	64QAM	1	1	16.34	16.33	16.28	17.5	0.0
40	256QAM	1	1	16.34	16.36	16.30	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.53	16.50	16.49	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.46	16.45	16.46	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.52	16.51	16.48	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.55	16.44	16.45	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.58	16.48	16.61	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.53	16.50	16.59	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.59	20.58	20.61	22.5	0.0
40	PI/2 BPSK	1	108	20.60	20.62	20.51		
40	PI/2 BPSK	1	214	20.61	20.56	20.51		
40	PI/2 BPSK	108	0	20.62	20.53	20.56	22.5	0.0
40	PI/2 BPSK	108	54	20.65	20.67	20.60	22.5	0.0
40	PI/2 BPSK	108	108	20.58	20.57	20.62	22.5	0.0
40	PI/2 BPSK	216	0	20.61	20.54	20.52		
40	QPSK	1	1	20.76	20.78	20.73	22.5	0.0
40	QPSK	1	108	20.62	20.58	20.62		
40	QPSK	1	214	20.60	20.59	20.57		
40	QPSK	108	0	20.57	20.53	20.50	22.5	0.0
40	QPSK	108	54	20.70	20.75	20.68	22.5	0.0
40	QPSK	108	108	20.65	20.60	20.61	22.5	0.0
40	QPSK	216	0	20.61	20.70	20.66		
40	16QAM	1	1	20.57	20.60	20.57	22.5	0.0
40	64QAM	1	1	20.54	20.66	20.55	22.5	0.0
40	256QAM	1	1	19.43	19.58	19.58	21.0	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.63	20.67	20.61	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.57	20.64	20.60	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.60	20.60	20.55	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.56	20.55	20.56	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.62	20.56	20.61	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.58	20.58	20.59	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.29	23.31	23.12	24.5	0.0
40	PI/2 BPSK	1	108	23.32	23.32	23.23		
40	PI/2 BPSK	1	214	23.21	23.21	23.01		
40	PI/2 BPSK	108	0	22.57	22.72	22.70	24.0	0.5
40	PI/2 BPSK	108	54	23.33	23.33	23.20	24.5	0.0
40	PI/2 BPSK	108	108	22.37	22.43	22.42	24.0	0.5
40	PI/2 BPSK	216	0	22.54	22.70	22.63		
40	QPSK	1	1	23.22	23.35	23.26	24.5	0.0
40	QPSK	1	108	23.19	23.31	23.17		
40	QPSK	1	214	23.12	23.18	22.99		
40	QPSK	108	0	22.07	22.21	22.08	23.5	1.0
40	QPSK	108	54	23.18	23.32	23.17	24.5	0.0
40	QPSK	108	108	21.79	21.90	21.71	23.5	1.0
40	QPSK	216	0	21.83	22.02	21.85		
40	16QAM	1	1	21.85	22.05	21.95	23.5	1.0
40	64QAM	1	1	20.52	20.62	20.49	22.0	2.5
40	256QAM	1	1	19.04	19.20	19.13	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.27	23.20	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.19	23.32	23.24	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.16	23.32	23.19	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.20	23.30	23.20	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.17	23.31	23.20	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.13	23.30	23.19	24.5	0.0

Reduced Power for DSI 3 ENDC&ULCA_Other PA

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.89	21.95	21.93	23	0
20	QPSK	1	49	21.85	21.85	21.87		
20	QPSK	1	99	21.84	21.87	21.86		
20	QPSK	50	0	21.89	21.94	21.93	23	0
20	QPSK	50	24	21.87	21.87	21.91		
20	QPSK	50	50	21.79	21.89	21.72		
20	QPSK	100	0	21.77	21.93	21.92		
20	16QAM	1	0	21.75	21.83	21.84	23	0
20	16QAM	1	49	21.88	21.91	21.93		
20	16QAM	1	99	21.86	21.91	21.92		
20	16QAM	50	0	21.73	21.80	21.71	23	0
20	16QAM	50	24	21.66	21.86	21.68		
20	16QAM	50	50	21.63	21.84	21.80		
20	16QAM	100	0	21.79	21.72	21.60		
20	64QAM	1	0	21.65	21.89	21.82	23	0
20	64QAM	1	49	21.79	21.87	21.92		
20	64QAM	1	99	21.79	21.94	21.92		
20	64QAM	50	0	21.06	21.29	21.24	22.5	0.5
20	64QAM	50	24	21.34	21.28	21.28		
20	64QAM	50	50	21.32	21.43	21.12		
20	64QAM	100	0	21.22	21.35	21.17		
20	256QAM	1	0	19.13	19.23	19.03	20.5	2.5
20	256QAM	1	49	19.17	19.26	19.25		
20	256QAM	1	99	19.17	19.35	19.27		
20	256QAM	50	0	19.09	19.26	19.20	20.5	2.5
20	256QAM	50	24	19.34	19.41	19.20		
20	256QAM	50	50	19.35	19.35	19.31		
20	256QAM	100	0	19.23	19.25	19.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.69	21.76	21.78	23	0
15	QPSK	1	37	21.67	21.73	21.74		
15	QPSK	1	74	21.72	21.77	21.66		
15	QPSK	36	0	21.75	21.73	21.76	23	0
15	QPSK	36	20	21.65	21.67	21.73		
15	QPSK	36	39	21.62	21.76	21.51		
15	QPSK	75	0	21.56	21.79	21.71	23	0
15	16QAM	1	0	21.56	21.68	21.72		
15	16QAM	1	37	21.76	21.73	21.74		
15	16QAM	1	74	21.67	21.69	21.72		
15	16QAM	36	0	21.56	21.59	21.58	23	0
15	16QAM	36	20	21.53	21.64	21.58		
15	16QAM	36	39	21.46	21.71	21.60		
15	16QAM	75	0	21.57	21.52	21.48		
15	64QAM	1	0	21.45	21.75	21.65	23	0
15	64QAM	1	37	21.62	21.67	21.74		
15	64QAM	1	74	21.58	21.79	21.79		
15	64QAM	36	0	20.87	21.07	21.09	22.5	0.5
15	64QAM	36	20	21.21	21.09	21.12		
15	64QAM	36	39	21.20	21.25	20.95		
15	64QAM	75	0	21.04	21.15	21.02		
15	256QAM	1	0	18.99	19.07	18.91	20.5	2.5
15	256QAM	1	37	19.01	19.08	19.10		
15	256QAM	1	74	19.03	19.19	19.13		
15	256QAM	36	0	18.91	19.11	18.98	20.5	2.5
15	256QAM	36	20	19.17	19.28	19.04		
15	256QAM	36	39	19.22	19.21	19.09		
15	256QAM	75	0	19.09	19.13	18.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.69	21.76	21.80	23	0
10	QPSK	1	25	21.68	21.71	21.69		
10	QPSK	1	49	21.67	21.74	21.72		
10	QPSK	25	0	21.75	21.81	21.74	23	0
10	QPSK	25	12	21.67	21.72	21.73		
10	QPSK	25	25	21.67	21.71	21.51		
10	QPSK	50	0	21.62	21.72	21.72		
10	QPSK	50	25	21.56	21.61	21.64		
10	16QAM	1	0	21.75	21.71	21.73	23	0
10	16QAM	1	25	21.65	21.76	21.72		
10	16QAM	1	49	21.54	21.62	21.59		
10	16QAM	25	0	22.44	21.72	21.56	23	0
10	16QAM	25	25	21.49	21.69	21.58		
10	16QAM	50	0	21.59	21.56	21.42		
10	16QAM	50	25	21.51	21.70	21.63		
10	64QAM	1	0	21.58	21.70	21.70	23	0
10	64QAM	1	25	21.58	21.76	21.79		
10	64QAM	1	49	21.67	21.76	21.79		
10	64QAM	25	0	20.84	21.17	21.03	22.5	0.5
10	64QAM	25	12	21.15	21.06	21.16		
10	64QAM	25	25	21.18	21.28	20.91		
10	64QAM	50	0	21.01	21.12	21.00		
10	256QAM	1	0	19.02	19.03	18.87	20.5	2.5
10	256QAM	1	25	18.96	19.08	19.12		
10	256QAM	1	49	18.98	19.16	19.12		
10	256QAM	25	0	18.89	19.10	19.03	20.5	2.5
10	256QAM	25	12	19.14	19.29	19.05		
10	256QAM	25	25	19.14	19.20	19.11		
10	256QAM	50	0	19.05	19.03	18.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.75	21.73	21.78	23	0
5	QPSK	1	12	21.68	21.67	21.69		
5	QPSK	1	24	21.62	21.74	21.72		
5	QPSK	12	0	21.77	21.60	21.74	23	0
5	QPSK	12	7	21.65	21.71	21.71		
5	QPSK	12	13	21.60	21.67	21.55		
5	QPSK	25	0	21.59	21.77	21.77		
5	16QAM	1	0	21.61	21.63	21.65	23	0
5	16QAM	1	12	21.74	21.74	21.73		
5	16QAM	1	24	21.66	21.72	21.71		
5	16QAM	12	0	21.60	21.58	21.56	23	0
5	16QAM	12	7	21.49	21.70	21.55		
5	16QAM	12	13	21.46	21.69	21.62		
5	16QAM	25	0	21.67	21.58	21.56	23	0
5	64QAM	1	0	21.52	21.70	21.64		
5	64QAM	1	12	21.57	21.72	21.71		
5	64QAM	1	24	21.59	21.76	21.76		
5	64QAM	12	0	20.90	21.12	21.02	22.5	0.5
5	64QAM	12	7	21.22	21.12	21.15		
5	64QAM	12	13	21.10	21.24	20.99		
5	64QAM	25	0	21.02	21.23	21.05		
5	256QAM	1	0	18.98	19.02	18.86	20.5	2.5
5	256QAM	1	12	18.96	19.04	19.12		
5	256QAM	1	24	18.97	19.23	19.11		
5	256QAM	12	0	18.95	19.10	19.03	20.5	2.5
5	256QAM	12	7	19.13	19.26	19.07		
5	256QAM	12	13	19.19	19.17	19.09		
5	256QAM	25	0	19.02	19.10	18.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.75	21.74	21.74	23	0
3	QPSK	1	8	21.63	21.72	21.67		
3	QPSK	1	14	21.63	21.66	21.70		
3	QPSK	8	0	21.76	21.75	21.76	23	0
3	QPSK	8	4	21.73	21.68	21.77		
3	QPSK	8	7	21.59	21.74	21.56		
3	16QAM	1	0	21.60	21.76	21.73	23	0
3	16QAM	1	8	21.66	21.76	21.76		
3	16QAM	1	14	21.71	21.73	21.75		
3	16QAM	8	0	21.61	21.64	21.56	23	0
3	16QAM	8	4	21.52	21.64	21.46		
3	16QAM	8	7	21.45	21.70	21.58		
3	16QAM	15	0	21.67	21.60	21.47		
3	64QAM	1	0	21.48	21.71	21.69	23	0
3	64QAM	1	8	21.60	21.69	21.75		
3	64QAM	1	14	21.62	21.76	21.80		
3	64QAM	8	0	20.92	21.08	21.12	22.5	0.5
3	64QAM	8	4	21.19	21.16	21.11		
3	64QAM	8	7	21.12	21.31	20.94		
3	64QAM	15	0	21.05	21.20	21.04		
3	256QAM	1	0	18.97	19.04	18.91	20.5	2.5
3	256QAM	1	8	19.05	19.12	19.11		
3	256QAM	1	14	18.99	19.20	19.08		
3	256QAM	8	0	18.93	19.13	19.02	20.5	2.5
3	256QAM	8	4	19.13	19.24	18.98		
3	256QAM	8	7	19.23	19.19	19.15		
3	256QAM	15	0	19.09	19.11	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.72	21.74	21.75	23	0
1.4	QPSK	1	3	21.72	21.63	21.73		
1.4	QPSK	1	5	21.64	21.72	21.64		
1.4	QPSK	3	0	21.76	21.75	21.77		
1.4	QPSK	3	1	21.68	21.73	21.69		
1.4	QPSK	3	3	21.62	21.70	21.57		
1.4	QPSK	6	0	21.59	21.79	21.75	23	0
1.4	16QAM	1	0	21.53	21.69	21.62	23	0
1.4	16QAM	1	3	21.76	21.72	21.78		
1.4	16QAM	1	5	21.71	21.70	21.70		
1.4	16QAM	3	0	21.60	21.58	21.53		
1.4	16QAM	3	1	21.45	21.64	21.47		
1.4	16QAM	3	3	21.49	21.58	21.43		
1.4	16QAM	6	0	21.62	21.59	21.43	23	0
1.4	64QAM	1	0	21.50	21.74	21.64	23	0
1.4	64QAM	1	3	21.66	21.73	21.75		
1.4	64QAM	1	5	21.58	21.77	21.71		
1.4	64QAM	3	0	21.46	21.66	21.55		
1.4	64QAM	3	1	21.63	21.67	21.72		
1.4	64QAM	3	3	21.53	21.70	21.69		
1.4	64QAM	6	0	21.10	21.20	20.98	22.5	0.5
1.4	256QAM	1	0	18.95	19.00	18.81	20.5	2.5
1.4	256QAM	1	3	18.95	19.12	19.03		
1.4	256QAM	1	5	18.99	19.19	19.15		
1.4	256QAM	3	0	18.93	19.08	18.99		
1.4	256QAM	3	1	19.18	19.29	19.05		
1.4	256QAM	3	3	19.17	19.16	19.12		
1.4	256QAM	6	0	19.03	19.06	18.97	20.5	2.5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.57	23.65	23.55	24.5	0
20	QPSK	1	49	23.54	23.53	23.54		
20	QPSK	1	99	23.52	23.53	23.46		
20	QPSK	50	0	22.61	22.62	22.58	23.5	1
20	QPSK	50	24	22.45	22.57	22.53		
20	QPSK	50	50	22.49	22.55	22.39		
20	QPSK	100	0	22.56	22.63	22.51		
20	16QAM	1	0	22.56	22.65	22.53	23.5	1
20	16QAM	1	49	22.53	22.67	22.49		
20	16QAM	1	99	22.47	22.57	22.54		
20	16QAM	50	0	21.57	21.61	21.51	22.5	2
20	16QAM	50	24	21.51	21.53	21.35		
20	16QAM	50	50	21.35	21.54	21.47		
20	16QAM	100	0	21.57	21.60	21.40		
20	64QAM	1	0	21.42	21.55	21.39	22.5	2
20	64QAM	1	49	21.61	21.53	21.53		
20	64QAM	1	99	21.38	21.51	21.34		
20	64QAM	50	0	20.43	20.56	20.55	21.5	3
20	64QAM	50	24	20.52	20.54	20.35		
20	64QAM	50	50	20.41	20.50	20.34		
20	64QAM	100	0	20.55	20.56	20.45		
20	256QAM	1	0	18.27	18.42	18.42	19.5	5
20	256QAM	1	49	18.31	18.44	18.39		
20	256QAM	1	99	18.25	18.35	18.33		
20	256QAM	50	0	18.54	18.61	18.53	19.5	5
20	256QAM	50	24	18.44	18.55	18.52		
20	256QAM	50	50	18.34	18.51	18.34		
20	256QAM	100	0	18.55	18.55	18.42		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.51	23.51	23.44	24.5	0
15	QPSK	1	37	23.45	23.50	23.51		
15	QPSK	1	74	23.48	23.45	23.45		
15	QPSK	36	0	22.61	22.54	22.43	23.5	1
15	QPSK	36	20	22.40	22.38	22.51		
15	QPSK	36	39	22.38	22.43	22.38		
15	QPSK	75	0	22.45	22.46	22.31		
15	16QAM	1	0	22.44	22.60	22.36	23.5	1
15	16QAM	1	37	22.47	22.47	22.44		
15	16QAM	1	74	22.38	22.46	22.51		
15	16QAM	36	0	21.46	21.60	21.51	22.5	2
15	16QAM	36	20	21.47	21.47	21.27		
15	16QAM	36	39	21.28	21.42	21.39		
15	16QAM	75	0	21.56	21.50	21.20		
15	64QAM	1	0	21.24	21.29	21.29	22.5	2
15	64QAM	1	37	21.45	21.39	21.43		
15	64QAM	1	74	21.30	21.44	21.32		
15	64QAM	36	0	20.37	20.46	20.44	21.5	3
15	64QAM	36	20	20.58	20.44	20.18		
15	64QAM	36	39	20.29	20.34	20.20		
15	64QAM	75	0	20.48	20.44	20.28		
15	256QAM	1	0	18.44	18.39	18.30	19.5	5
15	256QAM	1	37	18.31	18.38	18.24		
15	256QAM	1	74	18.05	18.16	18.21		
15	256QAM	36	0	18.45	18.55	18.38	19.5	5
15	256QAM	36	20	18.27	18.47	18.32		
15	256QAM	36	39	18.15	18.43	18.22		
15	256QAM	75	0	18.30	18.38	18.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.49	23.59	23.45	24.5	0
10	QPSK	1	25	23.35	23.53	23.43		
10	QPSK	1	49	23.33	23.47	23.35		
10	QPSK	25	0	22.59	22.48	22.48	23.5	1
10	QPSK	25	12	22.47	22.56	22.36		
10	QPSK	25	25	22.32	22.52	22.32		
10	QPSK	50	0	22.40	22.59	22.39		
10	QPSK	50	25	22.52	22.44	22.48		
10	16QAM	1	0	22.41	22.51	22.37	23.5	1
10	16QAM	1	25	22.29	22.51	22.44		
10	16QAM	1	49	21.57	21.54	21.50		
10	16QAM	25	0	22.38	22.31	22.31	22.5	2
10	16QAM	25	25	21.16	21.35	21.28		
10	16QAM	50	0	21.56	21.46	21.28		
10	64QAM	1	0	21.32	21.47	21.24	22.5	2
10	64QAM	1	25	21.57	21.60	21.35		
10	64QAM	1	49	21.33	21.32	21.25		
10	64QAM	25	0	20.33	20.38	20.42	21.5	3
10	64QAM	25	12	20.41	20.45	20.16		
10	64QAM	25	25	20.41	20.49	20.14		
10	64QAM	50	0	20.53	20.51	20.38		
10	256QAM	1	0	18.07	18.40	18.32	19.5	5
10	256QAM	1	25	18.19	18.38	18.31		
10	256QAM	1	49	18.17	18.26	18.16		
10	256QAM	25	0	18.34	18.61	18.48	19.5	5
10	256QAM	25	12	18.35	18.47	18.46		
10	256QAM	25	25	18.22	18.47	18.14		
10	256QAM	50	0	18.36	18.36	18.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.61	23.53	23.53	24.5	0
5	QPSK	1	12	23.47	23.35	23.35		
5	QPSK	1	24	23.24	23.37	23.34		
5	QPSK	12	0	22.41	22.42	22.44	23.5	1
5	QPSK	12	7	22.27	22.49	22.48		
5	QPSK	12	13	22.35	22.55	22.19		
5	QPSK	25	0	22.54	22.57	22.51		
5	16QAM	1	0	22.41	22.49	22.53	23.5	1
5	16QAM	1	12	22.48	22.56	22.32		
5	16QAM	1	24	22.47	22.56	22.47		
5	16QAM	12	0	21.45	21.55	21.32	22.5	2
5	16QAM	12	7	21.32	21.49	21.16		
5	16QAM	12	13	21.18	21.49	21.44		
5	16QAM	25	0	21.50	21.63	21.53		
5	64QAM	1	0	21.36	21.37	21.34	22.5	2
5	64QAM	1	12	21.59	21.60	21.44		
5	64QAM	1	24	21.38	21.44	21.22		
5	64QAM	12	0	20.34	20.36	20.36	21.5	3
5	64QAM	12	7	20.38	20.49	20.30		
5	64QAM	12	13	20.38	20.41	20.22		
5	64QAM	25	0	20.48	20.52	20.25		
5	256QAM	1	0	18.23	18.27	18.41	19.5	5
5	256QAM	1	12	18.12	18.39	18.20		
5	256QAM	1	24	18.08	18.33	18.22		
5	256QAM	12	0	18.39	18.50	18.37	19.5	5
5	256QAM	12	7	18.37	18.36	18.37		
5	256QAM	12	13	18.27	18.39	18.24		
5	256QAM	25	0	18.45	18.52	18.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.58	23.53	23.55	24.5	0
3	QPSK	1	8	23.54	23.43	23.52		
3	QPSK	1	14	23.20	23.31	23.42		
3	QPSK	8	0	22.49	22.52	22.52	23.5	1
3	QPSK	8	4	22.29	22.50	22.37		
3	QPSK	8	7	22.29	22.38	22.33		
3	16QAM	1	0	22.37	22.49	22.43	23.5	1
3	16QAM	1	8	22.53	22.52	22.36		
3	16QAM	1	14	22.41	22.66	22.32		
3	16QAM	8	0	22.44	22.36	22.47	22.5	2
3	16QAM	8	4	21.45	21.47	21.41		
3	16QAM	8	7	21.33	21.52	21.43		
3	16QAM	15	0	21.50	21.55	21.35		
3	64QAM	1	0	21.35	21.47	21.29	22.5	2
3	64QAM	1	8	21.51	21.51	21.38		
3	64QAM	1	14	21.60	21.31	21.16		
3	64QAM	8	0	20.33	20.51	20.50	21.5	3
3	64QAM	8	4	20.51	20.46	20.31		
3	64QAM	8	7	20.38	20.46	20.30		
3	64QAM	15	0	20.49	20.55	20.31		
3	256QAM	1	0	18.09	18.31	18.38	19.5	5
3	256QAM	1	8	18.25	18.43	18.36		
3	256QAM	1	14	18.25	18.23	18.24		
3	256QAM	8	0	18.37	18.44	18.33	19.5	5
3	256QAM	8	4	18.22	18.44	18.35		
3	256QAM	8	7	18.32	18.49	18.25		
3	256QAM	15	0	18.54	18.54	18.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.39	23.61	23.41	24.5	0
1.4	QPSK	1	3	23.37	23.52	23.52		
1.4	QPSK	1	5	23.40	23.52	23.40		
1.4	QPSK	3	0	23.47	23.55	23.44		
1.4	QPSK	3	1	23.27	23.50	23.45		
1.4	QPSK	3	3	23.40	23.40	23.24		
1.4	QPSK	6	0	22.58	22.56	22.43	23.5	1
1.4	16QAM	1	0	22.54	22.56	22.33	23.5	1
1.4	16QAM	1	3	22.43	22.51	22.30		
1.4	16QAM	1	5	22.38	22.44	22.39		
1.4	16QAM	3	0	22.38	22.60	22.45		
1.4	16QAM	3	1	22.35	22.48	22.31		
1.4	16QAM	3	3	22.35	22.39	22.29		
1.4	16QAM	6	0	21.38	21.40	21.28	22.5	2
1.4	64QAM	1	0	21.22	21.46	21.35	22.5	2
1.4	64QAM	1	3	21.50	21.50	21.39		
1.4	64QAM	1	5	21.31	21.44	21.18		
1.4	64QAM	3	0	21.39	21.43	21.51		
1.4	64QAM	3	1	21.46	21.52	21.20		
1.4	64QAM	3	3	21.34	21.39	21.23		
1.4	64QAM	6	0	20.42	20.49	20.26	21.5	3
1.4	256QAM	1	0	18.27	18.36	18.24	19.5	5
1.4	256QAM	1	3	18.21	18.31	18.31		
1.4	256QAM	1	5	18.17	18.29	18.17		
1.4	256QAM	3	0	18.54	18.50	18.38		
1.4	256QAM	3	1	18.28	18.51	18.44		
1.4	256QAM	3	3	18.20	18.50	18.31		
1.4	256QAM	6	0	18.45	18.44	18.30	19.5	5

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.84	23.93	23.92	25.5	0
20	QPSK	1	49	23.81	23.85	23.88		
20	QPSK	1	99	23.80	23.84	23.74		
20	QPSK	50	0	22.87	22.95	22.88	24.5	1
20	QPSK	50	24	22.72	22.86	22.87		
20	QPSK	50	50	22.70	22.84	22.66		
20	QPSK	100	0	22.82	22.90	22.89		
20	16QAM	1	0	22.78	22.90	22.76	24.5	1
20	16QAM	1	49	22.86	23.00	22.81		
20	16QAM	1	99	22.90	22.93	22.92		
20

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.55	23.71	23.69	24.5	1
10	16QAM	1	25	23.68	23.72	23.54		
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51	23.5	2
10	16QAM	25	12	22.31	22.51	22.40		
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60	23.5	2
10	64QAM	1	25	22.53	22.68	22.68		
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41	22.5	3
10	64QAM	25	12	21.47	21.52	21.36		
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.49	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66	20.5	5
10	256QAM	25	12	19.70	19.72	19.59		
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.28	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.26	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.21		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.21		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.52	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.15	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.16	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.86	23.88	23.87	25.5	0
10	QPSK	1	25	23.78	23.87	23.81		
10	QPSK	1	49	23.78	23.82	23.71		
10	QPSK	25	0	22.82	22.84	22.83	24.5	1
10	QPSK	25	12	22.77	22.80	22.78		
10	QPSK	25	25	22.71	22.76	22.70		
10	QPSK	50	0	22.81	22.83	22.79		
10	16QAM	1	0	22.74	22.92	22.78	24.5	1
10	16QAM	1	25	22.81	22.97	22.81		
10	16QAM	1	49	22.76	22.92	22.83		
10	16QAM	25	0	21.70	21.79	21.78	23.5	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	2
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	3
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.64	23.54	23.60	25.5	0
5	QPSK	1	12	23.61	23.62	23.60		
5	QPSK	1	24	23.54	23.60	23.50		
5	QPSK	12	0	22.53	22.56	22.59	24.5	1
5	QPSK	12	7	22.62	22.58	22.50		
5	QPSK	12	13	22.52	22.55	22.53		
5	QPSK	25	0	22.51	22.62	22.52		
5	16QAM	1	0	22.51	22.59	22.57	24.5	1
5	16QAM	1	12	22.66	22.79	22.56		
5	16QAM	1	24	22.51	22.76	22.58		
5	16QAM	12	0	21.53	21.62	21.53	23.5	2
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	2
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.56	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	3
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.65	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.56	23.61	23.57	25.5	0
3	QPSK	1	8	23.50	23.51	23.53		
3	QPSK	1	14	23.53	23.58	23.51		
3	QPSK	8	0	22.53	22.54	22.54	24.5	1
3	QPSK	8	4	22.50	22.57	22.52		
3	QPSK	8	7	22.54	22.54	22.54		
3	QPSK	15	0	22.59	22.57	22.58		
3	16QAM	1	0	22.58	22.62	22.54	24.5	1
3	16QAM	1	8	22.58	22.74	22.55		
3	16QAM	1	14	22.54	22.67	22.54		
3	16QAM	8	0	21.52	21.50	21.54	23.5	2
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	2
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	3
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	5
3	256QAM	8	4	18.55	18.72	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.59	23.58	23.64	25.5	0
1.4	QPSK	1	3	23.56	23.54	23.57		
1.4	QPSK	1	5	23.54	23.58	23.52		
1.4	QPSK	3	0	23.65	23.57	23.50		
1.4	QPSK	3	1	23.54	23.62	23.56		
1.4	QPSK	3	3	23.53	23.54	23.52		
1.4	QPSK	6	0	22.54	22.60	22.54	24.5	1
1.4	16QAM	1	0	22.52	22.55	22.51	24.5	1
1.4	16QAM	1	3	22.50	22.73	22.52		
1.4	16QAM	1	5	22.54	22.63	22.60		
1.4	16QAM	3	0	22.51	22.62	22.54		
1.4	16QAM	3	1	22.54	22.66	22.51		
1.4	16QAM	3	3	22.51	22.56	22.52		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	2
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	2
1.4	64QAM	1	3	21.58	21.58	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.63		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	3
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.40	22.49	22.43	23.5	0
20	QPSK	1	49	22.21	22.30	22.24		
20	QPSK	1	99	22.10	22.31	22.26		
20	QPSK	50	0	22.39	22.46	22.37	23.5	0
20	QPSK	50	24	22.36	22.31	22.37		
20	QPSK	50	50	22.10	22.36	22.21		
20	QPSK	100	0	22.35	22.45	22.39		
20	16QAM	1	0	22.43	22.35	22.36	23.5	0
20	16QAM	1	49	22.31	22.44	22.31		
20	16QAM	1	99	22.10	22.40	22.37		
20	16QAM	50	0	22.28	22.41	22.35	23.5	0
20	16QAM	50	24	22.24	22.28	22.35		
20	16QAM	50	50	22.11	22.19	22.20		
20	16QAM	100	0	22.20	22.40	22.28		
20	64QAM	1	0	22.16	22.31	22.15	23.5	0
20	64QAM	1	49	22.25	22.27	22.21		
20	64QAM	1	99	22.21	22.30	22.08		
20	64QAM	50	0	21.25	21.37	21.27	22.5	1
20	64QAM	50	24	21.23	21.29	21.08		
20	64QAM	50	50	21.12	21.21	21.26		
20	64QAM	100	0	21.28	21.37	21.17		
20	256QAM	1	0	19.16	19.18	19.28	20.5	3
20	256QAM	1	49	19.09	19.29	19.05		
20	256QAM	1	99	19.11	19.20	19.07		
20	256QAM	50	0	19.33	19.32	19.30	20.5	3
20	256QAM	50	24	19.28	19.35	19.24		
20	256QAM	50	50	19.18	19.22	19.16		
20	256QAM	100	0	19.24	19.32	19.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.28	22.42	22.33	23.5	0
15	QPSK	1	37	22.16	22.24	22.13		
15	QPSK	1	74	22.00	22.22	22.23		
15	QPSK	36	0	22.36	22.40	22.34	23.5	0
15	QPSK	36	20	22.34	22.19	22.26		
15	QPSK	36	39	21.98	22.27	22.17		
15	QPSK	75	0	22.24	22.35	22.28		
15	16QAM	1	0	22.34	22.29	22.26	23.5	0
15	16QAM	1	37	22.29	22.41	22.21		
15	16QAM	1	74	22.07	22.35	22.31		
15	16QAM	36	0	22.23	22.33	22.23	23.5	0
15	16QAM	36	20	22.17	22.23	22.27		
15	16QAM	36	39	22.02	22.17	22.08		
15	16QAM	75	0	22.14	22.35	22.24		
15	64QAM	1	0	22.04	22.25	22.11	23.5	0
15	64QAM	1	37	22.20	22.24	22.11		
15	64QAM	1	74	22.13	22.26	22.05		
15	64QAM	36	0	21.19	21.26	21.25	22.5	1
15	64QAM	36	20	21.18	21.20	21.03		
15	64QAM	36	39	21.00	21.19	21.17		
15	64QAM	75	0	21.19	21.27	21.13		
15	256QAM	1	0	19.08	19.07	19.24	20.5	3
15	256QAM	1	37	19.01	19.26	18.96		
15	256QAM	1	74	19.01	19.16	19.05		
15	256QAM	36	0	19.30	19.22	19.26	20.5	3
15	256QAM	36	20	19.24	19.30	19.22		
15	256QAM	36	39	19.07	19.12	19.09		
15	256QAM	75	0	19.12	19.22	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.32	22.45	22.34	23.5	0
10	QPSK	1	25	22.19	22.22	22.12		
10	QPSK	1	49	22.04	22.29	22.24		
10	QPSK	25	0	22.29	22.42	22.26	23.5	0
10	QPSK	25	12	22.29	22.19	22.27		
10	QPSK	25	25	22.05	22.29	22.19		
10	QPSK	50	0	22.31	22.43	22.36		
10	16QAM	1	0	22.40	22.23	22.24	23.5	0
10	16QAM	1	25	22.21	22.38	22.21		
10	16QAM	1	49	22.07	22.28	22.31		
10	16QAM	25	0	22.23	22.37	22.25	23.5	0
10	16QAM	25	12	22.16	22.18	22.33		
10	16QAM	25	25	22.06	22.10	22.08		
10	16QAM	50	0	22.08	22.33	22.21		
10	64QAM	1	0	22.08	22.21	22.11	23.5	0
10	64QAM	1	25	22.20	22.17	22.13		
10	64QAM	1	49	22.12	22.22	21.96		
10	64QAM	25	0	21.20	21.35	21.16	22.5	1
10	64QAM	25	12	21.18	21.25	21.01		
10	64QAM	25	25	21.05	21.18	21.16		
10	64QAM	50	0	21.19	21.35	21.05		
10	256QAM	1	0	19.07	19.16	19.18	20.5	3
10	256QAM	1	25	18.98	19.26	19.00		
10	256QAM	1	49	19.03	19.08	18.97		
10	256QAM	25	0	19.29	19.25	19.20	20.5	3
10	256QAM	25	12	19.19	19.25	19.22		
10	256QAM	25	25	19.06	19.18	19.09		
10	256QAM	50	0	19.17	19.27	19.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.33	22.37	22.35	23.5	0
5	QPSK	1	12	22.14	22.19	22.17		
5	QPSK	1	24	22.08	22.23	22.19		
5	QPSK	12	0	22.27	22.38	22.35	23.5	0
5	QPSK	12	7	22.28	22.24	22.29		
5	QPSK	12	13	22.04	22.29	22.10		
5	QPSK	25	0	22.30	22.33	22.32		
5	16QAM	1	0	22.37	22.30	22.31	23.5	0
5	16QAM	1	12	22.23	22.32	22.21		
5	16QAM	1	24	22.05	22.34	22.27		
5	16QAM	12	0	22.17	22.33	22.25	23.5	0
5	16QAM	12	7	22.16	22.17	22.31		
5	16QAM	12	13	22.02	22.13	22.10		
5	16QAM	25	0	22.08	22.30	22.18		
5	64QAM	1	0	22.14	22.28	22.05	23.5	0
5	64QAM	1	12	22.14	22.15	22.17		
5	64QAM	1	24	22.17	22.26	22.04		
5	64QAM	12	0	21.16	21.28	21.18	22.5	1
5	64QAM	12	7	21.11	21.26	21.00		
5	64QAM	12	13	21.07	21.12	21.24		
5	64QAM	25	0	21.26	21.25	21.07		
5	256QAM	1	0	19.13	19.14	19.22	20.5	3
5	256QAM	1	12	19.07	19.22	19.02		
5	256QAM	1	24	19.03	19.17	18.97		
5	256QAM	12	0	19.24	19.20	19.28	20.5	3
5	256QAM	12	7	19.25	19.30	19.14		
5	256QAM	12	13	19.06	19.12	19.06		
5	256QAM	25	0	19.20	19.20	19.24		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.37	22.42	22.31	23.5	0
3	QPSK	1	8	22.12	22.19	22.19		
3	QPSK	1	14	22.02	22.26	22.15		
3	QPSK	8	0	22.35	22.43	22.28	23.5	0
3	QPSK	8	4	22.27	22.26	22.28		
3	QPSK	8	7	21.99	22.24	22.16		
3	QPSK	15	0	22.25	22.34	22.32		
3	16QAM	1	0	22.34	22.26	22.28	23.5	0
3	16QAM	1	8	22.20	22.34	22.21		
3	16QAM	1	14	22.05	22.36	22.32		
3	16QAM	8	0	22.21	22.30	22.26	23.5	0
3	16QAM	8	4	22.17	22.24	22.27		
3	16QAM	8	7	22.02	22.16	22.18		
3	16QAM	15	0	22.12	22.36	22.16		
3	64QAM	1	0	22.08	22.20	22.10	23.5	0
3	64QAM	1	8	22.20	22.23	22.10		
3	64QAM	1	14	22.09	22.21	21.99		
3	64QAM	8	0	21.17	21.30	21.20	22.5	1
3	64QAM	8	4	21.17	21.18	21.06		
3	64QAM	8	7	21.04	21.19	21.16		
3	64QAM	15	0	21.18	21.35	21.12		
3	256QAM	1	0	19.09	19.08	19.26	20.5	3
3	256QAM	1	8	19.02	19.26	18.97		
3	256QAM	1	14	19.00	19.13	18.96		
3	256QAM	8	0	19.30	19.26	19.20	20.5	3
3	256QAM	8	4	19.26	19.30	19.14		
3	256QAM	8	7	19.07	19.13	19.09		
3	256QAM	15	0	19.15	19.29	19.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.47	22.33	23.5	0
1.4	QPSK	1	3	22.12	22.25	22.14		
1.4	QPSK	1	5	22.02	22.28	22.14		
1.4	QPSK	3	0	22.32	22.36	22.35		
1.4	QPSK	3	1	22.24	22.26	22.27		
1.4	QPSK	3	3	21.98	22.32	22.10		
1.4	QPSK	6	0	22.33	22.42	22.30	23.5	0
1.4	16QAM	1	0	22.34	22.29	22.29	23.5	0
1.4	16QAM	1	3	22.25	22.35	22.24		
1.4	16QAM	1	5	22.07	22.33	22.28		
1.4	16QAM	3	0	22.18	22.34	22.25		
1.4	16QAM	3	1	22.19	22.17	22.28		
1.4	16QAM	3	3	22.01	22.09	22.10		
1.4	16QAM	6	0	22.18	22.37	22.22	23.5	0
1.4	64QAM	1	0	22.11	22.24	22.09	23.5	0
1.4	64QAM	1	3	22.17	22.22	22.16		
1.4	64QAM	1	5	22.10	22.28	22.05		
1.4	64QAM	3	0	22.12	22.25	22.11		
1.4	64QAM	3	1	22.16	22.24	22.16		
1.4	64QAM	3	3	22.11	22.31	22.10		
1.4	64QAM	6	0	21.25	21.29	21.07	22.5	1
1.4	256QAM	1	0	19.10	19.11	19.26	20.5	3
1.4	256QAM	1	3	19.00	19.17	18.99		
1.4	256QAM	1	5	19.02	19.10	18.95		
1.4	256QAM	3	0	19.21	19.24	19.19		
1.4	256QAM	3	1	19.24	19.29	19.19		
1.4	256QAM	3	3	19.16	19.16	19.04		
1.4	256QAM	6	0	19.14	19.25	19.19	20.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.74	23.94	23.78	25.5	0
20	QPSK	1	49	23.54	23.66	23.75		
20	QPSK	1	99	23.62	23.74	23.74		
20	QPSK	50	0	22.70	23.07	22.97	24.5	1
20	QPSK	50	24	22.66	22.74	22.91		
20	QPSK	50	50	22.66	22.72	22.67		
20	QPSK	100	0	22.69	22.99	22.76		
20	16QAM	1	0	22.74	22.76	22.74	24.5	1
20	16QAM	1	49	22.77	22.81	22.75		
20	16QAM	1	99	22.74	22.81	22.81		
20	16QAM	50	0	21.73	21.77	21.60	23.5	2
20	16QAM	50	24	21.59	21.68	21.53		
20	16QAM	50	50	21.63	21.71	21.60		
20	16QAM	100	0	21.74	21.75	21.73		
20	64QAM	1	0	21.60	21.70	21.52	23.5	2
20	64QAM	1	49	21.63	21.75	21.75		
20	64QAM	1	99	21.65	21.70	21.55		
20	64QAM	50	0	20.76	20.77	20.67	22.5	3
20	64QAM	50	24	20.66	20.71	20.54		
20	64QAM	50	50	20.64	20.67	20.51		
20	64QAM	100	0	20.71	20.71	20.51		
20	256QAM	1	0	18.58	18.58	18.56	20.5	5
20	256QAM	1	49	18.52	18.60	18.50		
20	256QAM	1	99	18.54	18.58	18.54		
20	256QAM	50	0	18.71	18.77	18.72	20.5	5
20	256QAM	50	24	18.65	18.65	18.54		
20	256QAM	50	50	18.70	18.71	18.63		
20	256QAM	100	0	18.69	18.72	18.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.68	23.82	23.73	25.5	0
15	QPSK	1	37	23.51	23.58	23.60		
15	QPSK	1	74	23.50	23.64	23.70		
15	QPSK	36	0	22.65	23.07	22.82	24.5	1
15	QPSK	36	20	22.60	22.56	22.71		
15	QPSK	36	39	22.51	22.71	22.57		
15	QPSK	75	0	22.54	22.89	22.74		
15	16QAM	1	0	22.66	22.59	22.67	24.5	1
15	16QAM	1	37	22.73	22.69	22.70		
15	16QAM	1	74	22.73	22.68	22.67		
15	16QAM	36	0	21.70	21.58	21.60	23.5	2
15	16QAM	36	20	21.50	21.65	21.54		
15	16QAM	36	39	21.52	21.71	21.51		
15	16QAM	75	0	21.60	21.63	21.70		
15	64QAM	1	0	21.50	21.65	21.50	23.5	2
15	64QAM	1	37	21.58	21.69	21.69		
15	64QAM	1	74	21.65	21.61	21.54		
15	64QAM	36	0	20.61	20.75	20.60	22.5	3
15	64QAM	36	20	20.50	20.57	20.52		
15	64QAM	36	39	20.56	20.56	20.51		
15	64QAM	75	0	20.66	20.68	20.51		
15	256QAM	1	0	18.55	18.50	18.52	20.5	5
15	256QAM	1	37	18.50	18.50	18.50		
15	256QAM	1	74	18.51	18.51	18.53		
15	256QAM	36	0	18.63	18.76	18.71	20.5	5
15	256QAM	36	20	18.59	18.60	18.53		
15	256QAM	36	39	18.56	18.70	18.50		
15	256QAM	75	0	18.56	18.59	18.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.62	23.91	23.64	25.5	0
10	QPSK	1	25	23.50	23.57	23.56		
10	QPSK	1	49	23.53	23.55	23.58		
10	QPSK	25	0	22.62	22.92	22.95	24.5	1
10	QPSK	25	12	22.63	22.61	22.91		
10	QPSK	25	25	22.53	22.58	22.58		
10	QPSK	50	0	22.51	22.89	22.73		
10	16QAM	1	0	22.68	22.75	22.72	24.5	1
10	16QAM	1	25	22.72	22.66	22.67		
10	16QAM	1	49	22.69	22.70	22.64		
10	16QAM	25	0	21.59	21.60	21.55	23.5	2
10	16QAM	25	12	21.51	21.52	21.53		
10	16QAM	25	25	21.51	21.52	21.56		
10	16QAM	50	0	21.70	21.69	21.63		
10	64QAM	1	0	21.51	21.59	21.54	23.5	2
10	64QAM	1	25	21.50	21.61	21.67		
10	64QAM	1	49	21.51	21.50	21.50		
10	64QAM	25	0	20.68	20.57	20.63	22.5	3
10	64QAM	25	12	20.61	20.62	20.52		
10	64QAM	25	25	20.51	20.56	20.53		
10	64QAM	50	0	20.65	20.69	20.54		
10	256QAM	1	0	18.54	18.51	18.53	20.5	5
10	256QAM	1	25	18.53	18.51	18.51		
10	256QAM	1	49	18.54	18.53	18.51		
10	256QAM	25	0	18.71	18.68	18.54	20.5	5
10	256QAM	25	12	18.51	18.56	18.54		
10	256QAM	25	25	18.63	18.55	18.50		
10	256QAM	50	0	18.63	18.57	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.73	23.87	23.73	25.5	0
5	QPSK	1	12	23.54	23.66	23.66		
5	QPSK	1	24	23.52	23.56	23.58		
5	QPSK	12	0	22.64	22.98	22.90	24.5	1
5	QPSK	12	7	22.63	22.67	22.83		
5	QPSK	12	13	22.52	22.72	22.66		
5	QPSK	25	0	22.64	22.82	22.74		
5	16QAM	1	0	22.57	22.76	22.70	24.5	1
5	16QAM	1	12	22.77	22.61	22.74		
5	16QAM	1	24	22.72	22.81	22.66		
5	16QAM	12	0	21.58	21.67	21.50	23.5	2
5	16QAM	12	7	21.52	21.60	21.53		
5	16QAM	12	13	21.63	21.63	21.57		
5	16QAM	25	0	21.67	21.59	21.56		
5	64QAM	1	0	21.55	21.68	21.54	23.5	2
5	64QAM	1	12	21.54	21.66	21.72		
5	64QAM	1	24	21.63	21.70	21.53		
5	64QAM	12	0	20.69	20.70	20.65	22.5	3
5	64QAM	12	7	20.51	20.61	20.52		
5	64QAM	12	13	20.57	20.59	20.54		
5	64QAM	25	0	20.57	20.57	20.52		
5	256QAM	1	0	18.52	18.53	18.53	20.5	5
5	256QAM	1	12	18.52	18.50	18.51		
5	256QAM	1	24	18.54	18.53	18.54		
5	256QAM	12	0	18.59	18.65	18.55	20.5	5
5	256QAM	12	7	18.50	18.50	18.54		
5	256QAM	12	13	18.70	18.67	18.53		
5	256QAM	25	0	18.51	18.53	18.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.72	23.88	23.58	25.5	0
3	QPSK	1	8	23.51	23.64	23.57		
3	QPSK	1	14	23.54	23.54	23.55		
3	QPSK	8	0	22.61	22.94	22.95	24.5	1
3	QPSK	8	4	22.54	22.57	22.88		
3	QPSK	8	7	22.62	22.66	22.56		
3	QPSK	15	0	22.69	22.95	22.57		
3	16QAM	1	0	22.65	22.65	22.68	24.5	1
3	16QAM	1	8	22.58	22.78	22.57		
3	16QAM	1	14	22.69	22.70	22.70		
3	16QAM	8	0	21.73	21.71	21.54	23.5	2
3	16QAM	8	4	21.50	21.63	21.51		
3	16QAM	8	7	21.53	21.54	21.56		
3	16QAM	15	0	21.74	21.74	21.61		
3	64QAM	1	0	21.52	21.50	21.50	23.5	2
3	64QAM	1	8	21.51	21.64	21.74		
3	64QAM	1	14	21.51	21.69	21.54		
3	64QAM	8	0	20.59	20.65	20.62	22.5	3
3	64QAM	8	4	20.51	20.70	20.54		
3	64QAM	8	7	20.62	20.57	20.52		
3	64QAM	15	0	20.61	20.65	20.54		
3	256QAM	1	0	18.54	18.51	18.50	20.5	5
3	256QAM	1	8	18.52	18.54	18.52		
3	256QAM	1	14	18.51	18.54	18.52		
3	256QAM	8	0	18.60	18.57	18.57	20.5	5
3	256QAM	8	4	18.56	18.60	18.53		
3	256QAM	8	7	18.70	18.52	18.57		
3	256QAM	15	0	18.62	18.71	18.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.65	23.88	23.78	25.5	0
1.4	QPSK	1	3	23.53	23.53	23.62		
1.4	QPSK	1	5	23.57	23.69	23.66		
1.4	QPSK	3	0	23.55	23.91	23.74		
1.4	QPSK	3	1	23.54	23.53	23.73		
1.4	QPSK	3	3	23.54	23.58	23.74		
1.4	QPSK	6	0	22.52	22.83	22.79	24.5	1
1.4	16QAM	1	0	22.67	22.74	22.65	24.5	1
1.4	16QAM	1	3	22.68	22.76	22.63		
1.4	16QAM	1	5	22.63	22.75	22.72		
1.4	16QAM	3	0	22.65	22.76	22.64		
1.4	16QAM	3	1	22.72	22.79	22.64		
1.4	16QAM	3	3	22.69	22.63	22.64		
1.4	16QAM	6	0	21.73	21.57	21.53	23.5	2
1.4	64QAM	1	0	21.56	21.52	21.52	23.5	2
1.4	64QAM	1	3	21.56	21.71	21.74		
1.4	64QAM	1	5	21.52	21.50	21.54		
1.4	64QAM	3	0	21.51	21.66	21.50		
1.4	64QAM	3	1	21.55	21.73	21.56		
1.4	64QAM	3	3	21.64	21.52	21.51		
1.4	64QAM	6	0	20.53	20.63	20.50	22.5	3
1.4	256QAM	1	0	18.56	18.50	18.51	20.5	5
1.4	256QAM	1	3	18.53	18.53	18.50		
1.4	256QAM	1	5	18.54	18.54	18.59		
1.4	256QAM	3	0	18.53	18.51	18.51		
1.4	256QAM	3	1	18.50	18.51	18.52		
1.4	256QAM	3	3	18.54	18.51	18.50		
1.4	256QAM	6	0	18.51	18.55	18.53	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.33	24.33	25.5	0.0
20	PI/2 BPSK	1	53	24.31	24.31	24.14		
20	PI/2 BPSK	1	104	24.25	24.26	24.21		
20	PI/2 BPSK	50	0	23.69	23.70	23.66	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.30	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.51	23.69	23.60	25.0	0.5
20	PI/2 BPSK	100	0	23.62	23.75	23.68		
20	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
20	QPSK	1	53	24.12	24.32	24.24		
20	QPSK	1	104	24.13	24.27	24.23		
20	QPSK	50	0	23.00	23.05	22.97	24.5	1.0
20	QPSK	50	28	24.24	24.31	24.29	25.5	0.0
20	QPSK	50	56	23.11	23.21	23.04	24.5	1.0
20	QPSK	100	0	23.14	23.28	23.22		
20	16QAM	1	1	22.85	22.89	22.78	24.5	1.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	2.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.11	24.31	24.23	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.11	24.26	24.30	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.12	24.28	24.24	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.55	23.59	23.55	25.5	0.0
20	PI/2 BPSK	1	53	23.56	23.58	23.57		
20	PI/2 BPSK	1	104	23.53	23.52	23.56		
20	PI/2 BPSK	50	0	23.08	23.03	23.06	25.0	0.5
20	PI/2 BPSK	50	28	23.54	23.57	23.56	25.5	0.0
20	PI/2 BPSK	50	56	23.09	23.12	23.08	25.0	0.5
20	PI/2 BPSK	100	0	23.03	23.10	23.09		
20	QPSK	1	1	23.56	23.62	23.59	25.5	0.0
20	QPSK	1	53	23.54	23.60	23.55		
20	QPSK	1	104	23.51	23.58	23.53		
20	QPSK	50	0	22.51	22.53	22.51	24.5	1.0
20	QPSK	50	28	23.52	23.60	23.51	25.5	0.0
20	QPSK	50	56	22.59	22.51	22.51	24.5	1.0
20	QPSK	100	0	22.52	22.59	22.56		
20	16QAM	1	1	23.36	23.42	23.35	24.5	1.0
20	64QAM	1	1	22.05	22.16	21.97	23.0	2.5
20	256QAM	1	1	19.04	19.23	19.10	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.51	23.56	23.53	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.50	23.54	23.52	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.52	23.55	23.55	25.5	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.08	22.17	22.15	23.5	0.0
40	PI/2 BPSK	1	108	21.99	22.20	22.04		
40	PI/2 BPSK	1	214	22.12	22.14	22.00		
40	PI/2 BPSK	108	0	22.09	22.19	22.01	23.5	0.0
40	PI/2 BPSK	108	54	21.92	22.10	21.98	23.5	0.0
40	PI/2 BPSK	108	108	21.96	22.16	21.98	23.5	0.0
40	PI/2 BPSK	216	0	22.01	22.12	22.05		
40	QPSK	1	1	22.25	22.29	22.24	23.5	0.0
40	QPSK	1	108	22.20	22.12	22.23		
40	QPSK	1	214	22.10	22.11	22.13		
40	QPSK	108	0	22.17	22.21	22.12	23.5	0.0
40	QPSK	108	54	22.22	22.26	22.18	23.5	0.0
40	QPSK	108	108	22.11	22.20	22.15	23.5	0.0
40	QPSK	216	0	22.11	22.22	22.16		
40	16QAM	1	1	21.95	21.99	21.86	23.5	0.0
40	64QAM	1	1	21.53	21.59	21.51	23.0	0.5
40	256QAM	1	1	20.26	20.30	20.18	21.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.19	22.18	22.20	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.17	22.26	22.13	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.21	22.19	22.16	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.15	22.19	22.19	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.20	22.18	22.22	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.21	22.20	22.16	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.90	22.01	21.85	23.0	0.0
40	PI/2 BPSK	1	108	21.76	21.89	21.83		
40	PI/2 BPSK	1	214	21.59	21.69	21.64		
40	PI/2 BPSK	108	0	21.93	21.94	21.89	23.0	0.0
40	PI/2 BPSK	108	54	21.91	21.96	21.87	23.0	0.0
40	PI/2 BPSK	108	108	21.81	21.93	21.86	23.0	0.0
40	PI/2 BPSK	216	0	21.84	21.91	21.83		
40	QPSK	1	1	22.02	22.03	21.98	23.0	0.0
40	QPSK	1	108	21.85	21.90	21.94		
40	QPSK	1	214	21.79	21.79	21.68		
40	QPSK	108	0	21.73	21.78	21.66	23.0	0.0
40	QPSK	108	54	21.85	21.99	21.90	23.0	0.0
40	QPSK	108	108	21.78	21.90	21.72	23.0	0.0
40	QPSK	216	0	21.90	21.98	21.80		
40	16QAM	1	1	21.68	21.75	21.56	23.0	0.0
40	64QAM	1	1	20.78	20.78	20.60	22.0	1.0
40	256QAM	1	1	19.30	19.43	19.33	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.99	22.00	21.91	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.97	21.92	21.89	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.98	21.98	21.92	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.96	21.97	21.94	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.95	21.99	21.89	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.95	21.93	21.94	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.58	23.62	23.56	25.5	0.0
40	PI/2 BPSK	1	108	23.72	23.73	23.72		
40	PI/2 BPSK	1	214	23.60	23.64	23.57		
40	PI/2 BPSK	108	0	23.03	23.02	23.09	25.0	0.5
40	PI/2 BPSK	108	54	23.58	23.63	23.56	25.5	0.0
40	PI/2 BPSK	108	108	23.04	23.08	23.08	25.0	0.5
40	PI/2 BPSK	216	0	23.04	23.07	23.06		
40	QPSK	1	1	23.67	23.76	23.73	25.5	0.0
40	QPSK	1	108	23.54	23.67	23.51		
40	QPSK	1	214	23.52	23.72	23.67		
40	QPSK	108	0	22.58	22.78	22.75	24.5	1.0
40	QPSK	108	54	23.65	23.72	23.69	25.5	0.0
40	QPSK	108	108	22.55	22.65	22.53	24.5	1.0
40	QPSK	216	0	22.76	22.78	22.73		
40	16QAM	1	1	22.53	22.56	22.58	24.5	1.0
40	64QAM	1	1	21.00	21.14	21.05	23.0	2.5
40	256QAM	1	1	19.43	19.58	19.58	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.54	23.56	23.54	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.53	23.56	23.53	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.54	23.53	23.51	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.56	23.53	23.58	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.62	23.60	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.57	23.53	23.55	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.29	23.31	23.12	24.5	0.0
40	PI/2 BPSK	1	108	23.32	23.32	23.23		
40	PI/2 BPSK	1	214	23.21	23.21	23.01		
40	PI/2 BPSK	108	0	22.57	22.72	22.70	24.0	0.5
40	PI/2 BPSK	108	54	23.33	23.33	23.20	24.5	0.0
40	PI/2 BPSK	108	108	22.37	22.43	22.42	24.0	0.5
40	PI/2 BPSK	216	0	22.54	22.70	22.63		
40	QPSK	1	1	23.22	23.35	23.26	24.5	0.0
40	QPSK	1	108	23.19	23.31	23.17		
40	QPSK	1	214	23.12	23.18	22.99		
40	QPSK	108	0	22.07	22.21	22.08	23.5	1.0
40	QPSK	108	54	23.18	23.32	23.17	24.5	0.0
40	QPSK	108	108	21.79	21.90	21.71	23.5	1.0
40	QPSK	216	0	21.83	22.02	21.85		
40	16QAM	1	1	21.85	22.05	21.95	23.5	1.0
40	64QAM	1	1	20.52	20.62	20.49	22.0	2.5
40	256QAM	1	1	19.04	19.20	19.13	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.27	23.20	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.19	23.32	23.24	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.16	23.32	23.19	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.20	23.30	23.20	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.17	23.31	23.20	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.13	23.30	23.19	24.5	0.0

Reduced Power for DSI 4 ENDC&ULCA_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.38	14.53	14.44	15.5	0
20	QPSK	1	49	14.39	14.33	14.41		
20	QPSK	1	99	14.26	14.36	14.41		
20	QPSK	50	0	14.46	14.47	14.45	15.5	0
20	QPSK	50	24	14.43	14.35	14.28		
20	QPSK	50	50	14.40	14.33	14.42		
20	QPSK	100	0	14.38	14.48	14.30		
20	16QAM	1	0	14.19	14.24	14.23		
20	16QAM	1	49	14.24	14.28	14.43	15.5	0
20	16QAM	1	99	14.36	14.52	14.20		
20	16QAM	50	0	14.51	14.37	14.27		
20	16QAM	50	24	14.28	14.40	14.50	15.5	0
20	16QAM	50	50	14.33	14.38	14.47		
20	16QAM	100	0	14.39	14.37	14.50		
20	64QAM	1	0	14.38	14.38	14.48		
20	64QAM	1	49	14.24	14.32	14.22	15.5	0
20	64QAM	1	99	14.32	14.37	14.37		
20	64QAM	50	0	14.20	14.32	14.24		
20	64QAM	50	24	14.44	14.36	14.26	15.5	0
20	64QAM	50	50	14.34	14.35	14.27		
20	64QAM	100	0	14.36	14.26	14.20		
20	256QAM	1	0	14.14	14.16	14.22	15.5	0
20	256QAM	1	49	14.10	14.19	14.24		
20	256QAM	1	99	14.19	14.15	14.25		
20	256QAM	50	0	14.12	14.23	14.27		
20	256QAM	50	24	14.26	14.21	14.32	15.5	0
20	256QAM	50	50	14.15	14.18	14.11		
20	256QAM	100	0	14.30	14.28	14.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.26	14.39	14.32	15.5	0
15	QPSK	1	37	14.21	14.32	14.33		
15	QPSK	1	74	14.15	14.22	14.34		
15	QPSK	8	0	14.40	14.38	14.35		
15	QPSK	36	20	14.31	14.28	14.14	15.5	0
15	QPSK	36	39	14.27	14.22	14.37		
15	QPSK	75	0	14.25	14.43	14.19		
15	16QAM	1	0	14.08	14.20	14.09		
15	16QAM	1	37	14.11	14.14	14.30	15.5	0
15	16QAM	1	74	14.21	14.19	14.06		
15	16QAM	36	0	14.16	14.22	14.16		
15	16QAM	36	20	14.22	14.29	14.45	15.5	0
15	16QAM	36	39	14.27	14.28	14.32		
15	16QAM	75	0	14.39	14.35	14.34		
15	64QAM	1	0	14.33	14.27	14.35		
15	64QAM	1	37	14.17	14.21	14.16	15.5	0
15	64QAM	1	74	14.21	14.30	14.25		
15	64QAM	36	0	14.08	14.20	14.16		
15	64QAM	36	20	14.34	14.24	14.14	15.5	0
15	64QAM	36	39	14.26	14.28	14.17		
15	64QAM	75	0	14.31	14.12	14.10		
15	256QAM	1	0	14.07	14.02	14.15		
15	256QAM	1	37	13.99	14.34	14.14	15.5	0
15	256QAM	1	74	13.94	14.27	14.04		
15	256QAM	36	0	14.03	14.30	14.20		
15	256QAM	36	20	14.11	14.29	14.25	15.5	0
15	256QAM	36	39	14.08	14.29	14.01		
15	256QAM	75	0	14.24	14.35	14.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.29	14.47	14.35	15.5	0
10	QPSK	1	25	14.24	14.26	14.31		
10	QPSK	1	49	14.15	14.22	14.35		
10	QPSK	25	0	14.35	14.41	14.37	15.5	0
10	QPSK	25	12	14.34	14.24	14.16		
10	QPSK	25	25	14.33	14.26	14.34		
10	QPSK	50	0	14.33	14.35	14.19		
10	16QAM	1	0	14.05	14.17	14.10		
10	16QAM	1	25	14.09	14.22	14.38	15.5	0
10	16QAM	1	49	14.21	14.26	14.07		
10	16QAM	25	0	14.37	14.32	14.19		
10	16QAM	25	12	14.21	14.31	14.41	15.5	0
10	16QAM	25	25	14.22	14.27	14.40		
10	16QAM	50	0	14.25	14.26	14.43		
10	64QAM	1	0	14.28	14.23	14.33		
10	64QAM	1	25	14.13	14.17	14.12	15.5	0
10	64QAM	1	49	14.19	14.22	14.29		
10	64QAM	25	0	14.08	14.26	14.18		
10	64QAM	25	12	14.38	14.23	14.18	15.5	0
10	64QAM	25	25	14.22	14.24	14.18		
10	64QAM	50	0	14.23	14.18	14.08		
10	256QAM	1	0	14.00	14.07	14.14		
10	256QAM	1	25	13.99	14.32	14.10	15.5	0
10	256QAM	1	49	14.00	14.27	14.09		
10	256QAM	25	0	14.05	14.36	14.22		
10	256QAM	25	12	14.17	14.27	14.18	15.5	0
10	256QAM	25	25	14.08	14.30	14.04		
10	256QAM	50	0	14.24	14.33	14.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.29	14.40	14.31	15.5	0
5	QPSK	1	12	14.16	14.27	14.28		
5	QPSK	1	24	14.16	14.29	14.33		
5	QPSK	12	0	14.36	14.40	14.35		
5	QPSK	12	7	14.36	14.20	14.14	15.5	0
5	QPSK	12	13	14.35	14.18	14.26		
5	QPSK	25	0	14.28	14.37	14.25		
5	16QAM	1	0	14.10	14.22	14.13		
5	16QAM	1	12	14.11	14.15	14.35	15.5	0
5	16QAM	1	24	14.26	14.17	14.07		
5	16QAM	12	0	14.41	14.28	14.13		
5	16QAM	12	7	14.15	14.29	14.41	15.5	0
5	16QAM	12	13	14.27	14.24	14.37		
5	16QAM	25	0	14.24	14.25	14.39		
5	64QAM	1	0	14.31	14.27	14.36		
5	64QAM	1	12	14.18	14.22	14.12	15.5	0
5	64QAM	1	24	14.18	14.30	14.27		
5	64QAM	12	0	14.15	14.27	14.13		
5	64QAM	12	7	14.33	14.24	14.19	15.5	0
5	64QAM	12	13	14.23	14.24	14.15		
5	64QAM	25	0	14.31	14.16	14.15		
5	256QAM	1	0	14.09	14.03	14.12		
5	256QAM	1	12	13.99	14.33	14.10	15.5	0
5	256QAM	1	24	13.96	14.25	14.05		
5	256QAM	12	0	13.97	14.35	14.14		
5	256QAM	12	7	14.15	14.36	14.18	15.5	0
5	256QAM	12	13	14.02	14.28	14.00		
5	256QAM	25	0	14.21	14.35	14.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.28	14.38	14.29	15.5	0
3	QPSK	1	8	14.23	14.26	14.27		
3	QPSK	1	14	14.20	14.24	14.34		
3	QPSK	8	0	14.39	14.35	14.40		
3	QPSK	8	4	14.35	14.29	14.23	15.5	0
3	QPSK	8	7	14.33	14.25	14.36		
3	QPSK	15	0	14.29	14.38	14.22		
3	16QAM	1	0	14.14	14.19	14.11		
3	16QAM	1	8	14.14	14.20	14.28	15.5	0
3	16QAM	1	14	14.28	14.17	14.07		
3	16QAM	8	0	14.43	14.24	14.13		
3	16QAM	8	4	14.17	14.37	14.27	15.5	0
3	16QAM	8	7	14.21	14.27	14.42		
3	16QAM	15	0	14.33	14.29	14.37		
3	64QAM	1	0	14.26	14.28	14.36		
3	64QAM	1	8	14.19	14.26	14.11	15.5	0
3	64QAM	1	14	14.24	14.22	14.26		
3	64QAM	8	0	14.05	14.20	14.17		
3	64QAM	8	4	14.38	14.21	14.16	15.5	0
3	64QAM	8	7	14.21	14.30	14.19		
3	64QAM	15	0	14.25	14.20	14.12		
3	256QAM	1	0	13.99	14.02	14.16		
3	256QAM	1	8	14.05	14.30	14.12	15.5	0
3	256QAM	1	14	14.01	14.23	14.03		
3	256QAM	8	0	14.05	14.28	14.15		
3	256QAM	8	4	14.18	14.28	14.22	15.5	0
3	256QAM	8	7	14.10	14.27	14.03		
3	256QAM	15	0	14.06	14.29	14.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.23	14.41	14.36	15.5	0
1.4	QPSK	1	3	14.17	14.27	14.29		
1.4	QPSK	1	5	14.17	14.21	14.36		
1.4	QPSK	3	0	14.32	14.33	14.36		
1.4	QPSK	3	2	14.24	14.29	14.20		
1.4	QPSK	3	3	14.29	14.18	14.32		
1.4	QPSK	6	0	14.23	14.39	14.25	15.5	0
1.4	16QAM	1	0	14.05	14.13	14.06		
1.4	16QAM	1	3	14.09	14.13	14.34		
1.4	16QAM	1	5	14.27	14.21	14.10	15.5	0
1.4	16QAM	3	0	14.42	14.30	14.22		
1.4	16QAM	3	1	14.19	14.33	14.36		
1.4	16QAM	3	3	14.26	14.28	14.34		
1.4	16QAM	6	0	14.26	14.25	14.39	15.5	0
1.4	64QAM	1	0	14.30	14.31	14.35		
1.4	64QAM	1	3	14.15	14.27	14.07		
1.4	64QAM	1	5	14.17	14.28	14.28	15.5	0
1.4	64QAM	3	0	14.08	14.24	14.14		
1.4	64QAM	3	1	14.33	14.30	14.18		
1.4	64QAM	3	3	14.21	14.22	14.22		
1.4	64QAM	6	0	14.31	14.20	14.26	15.5	0
1.4	256QAM	1	0	14.09	14.03	14.14		
1.4	256QAM	1	3	13.98	14.32	14.14	15.5	0
1.4	256QAM	1	5	14.04	14.25	14.08		
1.4	256QAM	3	0	14.02	14.35	14.15		
1.4	256QAM	3	1	14.16	14.27	14.19		
1.4	256QAM	3	3	14.06	14.26	14.05		
1.4	256QAM	6	0	14.22	14.43	14.14	15.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.48	17.58	17.47	18.5	0
20	QPSK	1	49	17.38	17.48	17.37		
20	QPSK	1	99	17.38	17.50	17.36		
20	QPSK	50	0	17.39	17.52	17.39	18.5	0
20	QPSK	50	24	17.36	17.50	17.36		
20	QPSK	50	50	17.36	17.51	17.28		
20	QPSK	100	0	17.42	17.54	17.40		
20	16QAM	1	0	17.40	17.50	17.41		
20	16QAM	1	49	17.37	17.48	17.32	18.5	0
20	16QAM	1	99	17.38	17.48	17.44		
20	16QAM	50	0	17.30	17.48	17.41		
20	16QAM	50	24	17.47	17.55	17.45	18.5	0
20	16QAM	50	50	17.34	17.48	17.44		
20	16QAM	100	0	17.47	17.53	17.42		
20	64QAM	1	0	17.36	17.51	17.33		
20	64QAM	1	49	17.47	17.57	17.34	18.5	0
20	64QAM	1	99	17.46	17.51	17.39		
20	64QAM	50	0	17.35	17.50	17.35		
20	64QAM	50	24	17.42	17.46	17.45	18.5	0
20	64QAM	50	50	17.46	17.53	17.36		
20	64QAM	100	0	17.44	17.55	17.44		
20	256QAM	1	0	17.42	17.49	17.37	18.5	0
20	256QAM	1	49	17.38	17.50	17.42		
20	256QAM	1	99	17.33	17.45	17.45		
20	256QAM	50	0	17.42	17.43	17.41		
20	256QAM	50	24	17.38	17.53	17.42	18.5	0
20	256QAM	50	50	17.38	17.50	17.39		
20	256QAM	100	0	17.38	17.54	17.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.28	17.39	17.35	18.5	0
15	QPSK	1	37	17.24	17.49	17.32		
15	QPSK	1	74	17.28	17.43	17.28		
15	QPSK	36	0	17.38	17.50	17.37		
15	QPSK	36	20	17.29	17.39	17.22	18.5	0
15	QPSK	36	39	17.27	17.39	17.21		
15	QPSK	75	0	17.39	17.51	17.26		
15	16QAM	1	0	17.31	17.50	17.35		
15	16QAM	1	37	17.36	17.43	17.21	18.5	0
15	16QAM	1	74	17.26	17.46	17.37		
15	16QAM	36	0	17.32	17.31	17.22		
15	16QAM	36	20	17.36	17.46	17.39	18.5	0
15	16QAM	36	39	17.32	17.36	17.39		
15	16QAM	75	0	17.33	17.46	17.44		
15	64QAM	1	0	17.36	17.43	17.26	18.5	0
15	64QAM	1	37	17.45	17.48	17.38		
15	64QAM	1	74	17.37	17.27	17.27		
15	64QAM	36	0	17.33	17.54	17.33		
15	64QAM	36	20	17.44	17.38	17.45	18.5	0
15	64QAM	36	39	17.31	17.47	17.30		
15	64QAM	75	0	17.38	17.56	17.49		
15	256QAM	1	0	17.56	17.50	17.49	18.5	0
15	256QAM	1	37	17.51	17.56	17.47		
15	256QAM	1	74	17.48	17.46	17.48		
15	256QAM	36	0	17.38	17.37	17.32		
15	256QAM	36	20	17.30	17.48	17.42	18.5	0
15	256QAM	36	39	17.40	17.43	17.43		
15	256QAM	75	0	17.40	17.55	17.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.37	17.57	17.45	18.5	0
10	QPSK	1	25	17.33	17.49	17.31		
10	QPSK	1	49	17.36	17.42	17.34		
10	QPSK	25	0	17.28	17.38	17.31	18.5	0
10	QPSK	25	12	17.23	17.41	17.29		
10	QPSK	25	25	17.31	17.43	17.21		
10	QPSK	50	0	17.38	17.40	17.37		
10	16QAM	1	0	17.27	17.44	17.31	18.5	0
10	16QAM	1	25	17.27	17.35	17.20		
10	16QAM	1	49	17.37	17.43	17.39		
10	16QAM	25	0	17.20	17.37	17.30	18.5	0
10	16QAM	25	12	17.41	17.52	17.42		
10	16QAM	25	25	17.45	17.37	17.55		
10	16QAM	50	0	17.57	17.47	17.53		
10	64QAM	1	0	17.36	17.51	17.28	18.5	0
10	64QAM	1	25	17.47	17.36	17.31		
10	64QAM	1	49	17.39	17.56	17.35		
10	64QAM	25	0	17.31	17.51	17.40	18.5	0
10	64QAM	25	12	17.46	17.40	17.47		
10	64QAM	25	25	17.50	17.36	17.36		
10	64QAM	50	0	17.25	17.45	17.35		
10	256QAM	1	0	17.34	17.53	17.33	18.5	0
10	256QAM	1	25	17.36	17.54	17.42		
10	256QAM	1	49	17.36	17.51	17.50		
10	256QAM	25	0	17.42	17.40	17.35	18.5	0
10	256QAM	25	12	17.41	17.33	17.44		
10	256QAM	25	25	17.41	17.51	17.38		
10	256QAM	50	0	17.42	17.56	17.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.36	17.47	17.25	18.5	0
5	QPSK	1	12	17.26	17.28	17.12		
5	QPSK	1	24	17.15	17.35	17.32		
5	QPSK	12	0	17.22	17.40	17.23		
5	QPSK	12	7	17.11	17.26	17.25	18.5	0
5	QPSK	12	13	17.11	17.41	17.14		
5	QPSK	25	0	17.24	17.39	17.29		
5	16QAM	1	0	17.29	17.34	17.19	18.5	0
5	16QAM	1	12	17.26	17.32	17.21		
5	16QAM	1	24	17.19	17.24	17.32		
5	16QAM	12	0	17.21	17.34	17.17		
5	16QAM	12	7	17.27	17.41	17.30	18.5	0
5	16QAM	12	13	17.28	17.29	17.40		
5	16QAM	25	0	17.50	17.43	17.33		
5	64QAM	1	0	17.37	17.47	17.27	18.5	0
5	64QAM	1	12	17.44	17.50	17.28		
5	64QAM	1	24	17.49	17.55	17.34		
5	64QAM	12	0	17.38	17.42	17.30	18.5	0
5	64QAM	12	7	17.41	17.46	17.39		
5	64QAM	12	13	17.41	17.44	17.38		
5	64QAM	25	0	17.41	17.57	17.48		
5	256QAM	1	0	17.41	17.47	17.29	18.5	0
5	256QAM	1	12	17.29	17.42	17.45		
5	256QAM	1	24	17.25	17.41	17.42		
5	256QAM	12	0	17.42	17.43	17.43		
5	256QAM	12	7	17.32	17.53	17.40	18.5	0
5	256QAM	12	13	17.31	17.50	17.40		
5	256QAM	25	0	17.31	17.48	17.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.38	17.57	17.42	18.5	0
3	QPSK	1	8	17.25	17.33	17.33		
3	QPSK	1	14	17.33	17.45	17.35		
3	QPSK	8	0	17.24	17.47	17.37	18.5	0
3	QPSK	8	4	17.22	17.48	17.29		
3	QPSK	8	7	17.23	17.47	17.19		
3	QPSK	15	0	17.30	17.53	17.32		
3	16QAM	1	0	17.36	17.52	17.38	18.5	0
3	16QAM	1	8	17.34	17.38	17.27		
3	16QAM	1	14	17.34	17.33	17.41		
3	16QAM	8	0	17.34	17.37	17.36	18.5	0
3	16QAM	8	4	17.27	17.34	17.35		
3	16QAM	8	7	17.29	17.35	17.35		
3	16QAM	15	0	17.45	17.36	17.46		
3	64QAM	1	0	17.36	17.37	17.31	18.5	0
3	64QAM	1	8	17.46	17.56	17.34		
3	64QAM	1	14	17.39	17.48	17.36		
3	64QAM	8	0	17.40	17.50	17.40	18.5	0
3	64QAM	8	4	17.46	17.57	17.47		
3	64QAM	8	7	17.48	17.49	17.41		
3	64QAM	15	0	17.46	17.49	17.39		
3	256QAM	1	0	17.47	17.52	17.33	18.5	0
3	256QAM	1	8	17.39	17.47	17.45		
3	256QAM	1	14	17.46	17.46	17.49		
3	256QAM	8	0	17.55	17.49	17.51	18.5	0
3	256QAM	8	4	17.46	17.48	17.37		
3	256QAM	8	7	17.31	17.53	17.32		
3	256QAM	15	0	17.49	17.44	17.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.35	17.52	17.45	18.5	0
1.4	QPSK	1	3	17.38	17.42	17.34		
1.4	QPSK	1	5	17.36	17.42	17.21		
1.4	QPSK	3	0	17.28	17.42	17.36		
1.4	QPSK	3	2	17.24	17.28	17.26		
1.4	QPSK	3	3	17.25	17.44	17.13		
1.4	QPSK	6	0	17.41	17.49	17.32	18.5	0
1.4	16QAM	1	0	17.36	17.49	17.31		
1.4	16QAM	1	3	17.33	17.46	17.21		
1.4	16QAM	1	5	17.24	17.45	17.36	18.5	0
1.4	16QAM	3	0	17.24	17.29	17.41		
1.4	16QAM	3	1	17.41	17.40	17.37		
1.4	16QAM	3	3	17.42	17.46	17.55		
1.4	16QAM	6	0	17.48	17.55	17.47	18.5	0
1.4	64QAM	1	0	17.32	17.36	17.44		
1.4	64QAM	1	3	17.49	17.48	17.25		
1.4	64QAM	1	5	17.48	17.49	17.35	18.5	0
1.4	64QAM	3	0	17.30	17.48	17.48		
1.4	64QAM	3	1	17.45	17.57	17.50		
1.4	64QAM	3	3	17.48	17.54	17.32		
1.4	64QAM	6	0	17.43	17.53	17.48	18.5	0
1.4	256QAM	1	0	17.39	17.42	17.39		
1.4	256QAM	1	3	17.40	17.54	17.41		
1.4	256QAM	1	5	17.30	17.47	17.44	18.5	0
1.4	256QAM	3	0	17.37	17.38	17.37		
1.4	256QAM	3	1	17.37	17.55	17.40		
1.4	256QAM	3	3	17.33	17.56	17.39		
1.4	256QAM	6	0	17.33	17.50	17.34	18.5	0

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.45	19.50	19.47	21	0
20	QPSK	1	49	19.39	19.38	19.43		
20	QPSK	1	99	19.41	19.41	19.37		
20	QPSK	50	0	19.36	19.34	19.39	21	0
20	QPSK	50	24	19.41	19.45	19.36		
20	QPSK	50	50	19.32	19.41	19.37		
20	QPSK	100	0	19.34	19.42	19.40		
20	16QAM	1	0	19.40	19.35	19.36		
20	16QAM	1	49	19.35	19.39	19

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.62	24.67	24.65	25.5	0
10	QPSK	1	25	24.60	24.65	24.61		
10	QPSK	1	49	24.51	24.62	24.59		
10	QPSK	25	0	23.56	23.61	23.59	24.5	1
10	QPSK	25	12	23.55	23.57	23.55		
10	QPSK	25	25	23.42	23.52	23.45		
10	QPSK	50	0	23.57	23.61	23.54		
10	16QAM	1	0	23.56	23.71	23.69		
10	16QAM	1	25	23.68	23.72	23.54	24.5	1
10	16QAM	1	49	23.52	23.71	23.53		
10	16QAM	25	0	22.56	22.59	22.51		
10	16QAM	25	12	22.31	22.51	22.40	23.5	2
10	16QAM	25	25	22.40	22.55	22.45		
10	16QAM	50	0	22.35	22.54	22.44		
10	64QAM	1	0	22.51	22.69	22.60		
10	64QAM	1	25	22.53	22.68	22.68	23.5	2
10	64QAM	1	49	22.52	22.65	22.54		
10	64QAM	25	0	21.53	21.61	21.41		
10	64QAM	25	12	21.47	21.52	21.36	22.5	3
10	64QAM	25	25	21.50	21.53	21.51		
10	64QAM	50	0	21.40	21.56	21.44		
10	256QAM	1	0	19.48	19.65	19.65	20.5	5
10	256QAM	1	25	19.54	19.65	19.58		
10	256QAM	1	49	19.59	19.65	19.61		
10	256QAM	25	0	19.70	19.73	19.66		
10	256QAM	25	12	19.70	19.72	19.59	20.5	5
10	256QAM	25	25	19.70	19.71	19.71		
10	256QAM	50	0	19.70	19.74	19.68		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.41	24.32	24.33	25.5	0
5	QPSK	1	12	24.34	24.40	24.30		
5	QPSK	1	24	24.29	24.42	24.22		
5	QPSK	12	0	23.26	23.28	23.37	24.5	1
5	QPSK	12	7	23.25	23.33	23.16		
5	QPSK	12	13	23.18	23.32	23.11		
5	QPSK	25	0	23.33	23.37	23.31		
5	16QAM	1	0	23.27	23.41	23.48	24.5	1
5	16QAM	1	12	23.32	23.32	23.29		
5	16QAM	1	24	23.16	23.51	23.19		
5	16QAM	12	0	22.35	22.33	22.25	23.5	2
5	16QAM	12	7	22.03	22.28	22.04		
5	16QAM	12	13	22.06	22.18	22.20		
5	16QAM	25	0	22.05	22.23	22.07		
5	64QAM	1	0	22.14	22.39	22.40	23.5	2
5	64QAM	1	12	22.30	22.32	22.42		
5	64QAM	1	24	22.13	22.39	22.24		
5	64QAM	12	0	21.21	21.26	21.15	22.5	3
5	64QAM	12	7	21.07	21.19	20.97		
5	64QAM	12	13	21.29	21.24	21.21		
5	64QAM	25	0	21.09	21.19	21.04		
5	256QAM	1	0	19.16	19.31	19.33	20.5	5
5	256QAM	1	12	19.15	19.45	19.33		
5	256QAM	1	24	19.23	19.40	19.24		
5	256QAM	12	0	19.35	19.37	19.34	20.5	5
5	256QAM	12	7	19.46	19.52	19.24		
5	256QAM	12	13	19.47	19.46	19.34		
5	256QAM	25	0	19.38	19.53	19.48		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.5	707.5	714.5		
3	QPSK	1	0	24.34	24.37	24.32	25.5	0
3	QPSK	1	8	24.33	24.33	24.24		
3	QPSK	1	14	24.17	24.26	24.39		
3	QPSK	8	0	23.28	23.29	23.20	24.5	1
3	QPSK	8	4	23.35	23.17	23.32		
3	QPSK	8	7	23.06	23.19	23.07		
3	QPSK	15	0	23.31	23.21	23.27		
3	16QAM	1	0	23.19	23.48	23.46	24.5	1
3	16QAM	1	8	23.40	23.36	23.24		
3	16QAM	1	14	23.23	23.33	23.18		
3	16QAM	8	0	22.32	22.34	22.25	23.5	2
3	16QAM	8	4	21.99	22.20	22.17		
3	16QAM	8	7	22.20	22.33	22.18		
3	16QAM	15	0	22.02	22.30	22.18		
3	64QAM	1	0	22.15	22.31	22.32	23.5	2
3	64QAM	1	8	22.26	22.48	22.44		
3	64QAM	1	14	22.24	22.34	22.15		
3	64QAM	8	0	21.24	21.22	21.16	22.5	3
3	64QAM	8	4	21.19	21.25	20.97		
3	64QAM	8	7	21.24	21.18	21.26		
3	64QAM	15	0	21.27	21.35	21.08		
3	256QAM	1	0	19.09	19.27	19.35	20.5	5
3	256QAM	1	8	19.34	19.31	19.30		
3	256QAM	1	14	19.34	19.45	19.36		
3	256QAM	8	0	19.44	19.40	19.28	20.5	5
3	256QAM	8	4	19.32	19.33	19.21		
3	256QAM	8	7	19.37	19.44	19.44		
3	256QAM	15	0	19.38	19.46	19.48		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.31	24.38	24.44	25.5	0
1.4	QPSK	1	3	24.34	24.40	24.37		
1.4	QPSK	1	5	24.23	24.22	24.31		
1.4	QPSK	3	0	24.27	24.37	24.19		
1.4	QPSK	3	1	24.30	24.35	24.21		
1.4	QPSK	3	3	24.09	24.12	24.04		
1.4	QPSK	6	0	23.36	23.28	23.15	24.5	1
1.4	16QAM	1	0	23.16	23.43	23.32	24.5	1
1.4	16QAM	1	3	23.30	23.22	23.18		
1.4	16QAM	1	5	23.25	23.47	23.14		
1.4	16QAM	3	0	23.27	23.24	23.16		
1.4	16QAM	3	1	22.99	23.12	23.09		
1.4	16QAM	3	3	23.07	23.30	23.17		
1.4	16QAM	6	0	21.98	22.24	22.09	23.5	2
1.4	64QAM	1	0	22.19	22.30	22.30	23.5	2
1.4	64QAM	1	3	22.13	22.44	22.43		
1.4	64QAM	1	5	22.14	22.33	22.23		
1.4	64QAM	3	0	22.29	22.34	22.14		
1.4	64QAM	3	1	22.12	22.18	22.02		
1.4	64QAM	3	3	22.13	22.15	22.22		
1.4	64QAM	6	0	21.20	21.29	21.20	22.5	3
1.4	256QAM	1	0	19.18	19.36	19.27	20.5	5
1.4	256QAM	1	3	19.27	19.34	19.21		
1.4	256QAM	1	5	19.20	19.29	19.25		
1.4	256QAM	3	0	19.47	19.50	19.40		
1.4	256QAM	3	1	19.39	19.38	19.26		
1.4	256QAM	3	3	19.30	19.39	19.35		
1.4	256QAM	6	0	19.34	19.50	19.43	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.23	22.35	22.34	24	0
10	QPSK	1	25	22.22	22.33	22.24		
10	QPSK	1	49	22.15	22.20	22.20		
10	QPSK	25	0	22.23	22.31	22.21	24	0
10	QPSK	25	12	22.17	22.16	22.14		
10	QPSK	25	25	22.15	22.19	22.19		
10	QPSK	50	0	22.14	22.28	22.18		
10	16QAM	1	0	22.11	22.19	22.19	24	0
10	16QAM	1	25	22.05	22.18	22.10		
10	16QAM	1	49	22.03	22.14	22.08		
10	16QAM	25	0	21.70	21.79	21.78	23.5	0.5
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.74	21.77	21.73		
10	16QAM	50	0	21.74	21.76	21.70		
10	64QAM	1	0	21.71	21.91	21.79	23.5	0.5
10	64QAM	1	25	21.86	21.93	21.93		
10	64QAM	1	49	21.77	21.87	21.77		
10	64QAM	25	0	20.76	20.82	20.76	22.5	1.5
10	64QAM	25	12	20.78	20.81	20.78		
10	64QAM	25	25	20.70	20.75	20.74		
10	64QAM	50	0	20.76	20.78	20.71		
10	256QAM	1	0	18.84	18.90	18.79	20.5	3.5
10	256QAM	1	25	18.78	18.91	18.84		
10	256QAM	1	49	18.74	18.87	18.79		
10	256QAM	25	0	18.91	18.98	18.93	20.5	3.5
10	256QAM	25	12	18.79	18.95	18.79		
10	256QAM	25	25	18.80	18.91	18.90		
10	256QAM	50	0	18.78	18.91	18.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.03	22.22	22.09	24	0
5	QPSK	1	12	22.06	22.13	22.08		
5	QPSK	1	24	22.06	22.05	22.08		
5	QPSK	12	0	22.22	22.16	22.06	24	0
5	QPSK	12	7	22.16	22.01	22.13		
5	QPSK	12	13	22.05	22.09	22.07		
5	QPSK	25	0	22.13	22.13	22.15		
5	16QAM	1	0	22.03	22.10	22.15	24	0
5	16QAM	1	12	22.04	22.10	22.08		
5	16QAM	1	24	22.03	22.13	22.06		
5	16QAM	12	0	21.53	21.62	21.53	23.5	0.5
5	16QAM	12	7	21.58	21.55	21.52		
5	16QAM	12	13	21.54	21.55	21.53		
5	16QAM	25	0	21.54	21.53	21.51		
5	64QAM	1	0	21.53	21.58	21.54	23.5	0.5
5	64QAM	1	12	21.69	21.72	21.75		
5	64QAM	1	24	21.58	21.56	21.58		
5	64QAM	12	0	20.54	20.63	20.61	22.5	1.5
5	64QAM	12	7	20.51	20.52	20.54		
5	64QAM	12	13	20.50	20.50	20.54		
5	64QAM	25	0	20.54	20.54	20.51		
5	256QAM	1	0	18.60	18.75	18.58	20.5	3.5
5	256QAM	1	12	18.54	18.58	18.57		
5	256QAM	1	24	18.53	18.72	18.53		
5	256QAM	12	0	18.66	18.73	18.68	20.5	3.5
5	256QAM	12	7	18.56	18.74	18.50		
5	256QAM	12	13	18.47	18.74	18.69		
5	256QAM	25	0	18.50	18.59	18.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.5	707.5	714.5		
3	QPSK	1	0	22.11	22.10	22.19	24	0
3	QPSK	1	8	22.11	22.14	22.09		
3	QPSK	1	14	22.02	22.14	22.11		
3	QPSK	8	0	22.20	22.23	22.14	24	0
3	QPSK	8	4	22.03	22.07	22.01		
3	QPSK	8	7	22.10	22.16	22.05		
3	QPSK	15	0	22.05	22.21	22.17		
3	16QAM	1	0	22.08	22.03	22.10	24	0
3	16QAM	1	8	22.10	22.08	22.01		
3	16QAM	1	14	22.02	22.11	22.07		
3	16QAM	8	0	21.52	21.50	21.54	23.5	0.5
3	16QAM	8	4	21.54	21.58	21.50		
3	16QAM	8	7	21.53	21.56	21.56		
3	16QAM	15	0	21.54	21.54	21.54		
3	64QAM	1	0	21.59	21.63	21.58	23.5	0.5
3	64QAM	1	8	21.57	21.73	21.57		
3	64QAM	1	14	21.50	21.63	21.50		
3	64QAM	8	0	20.54	20.52	20.52	22.5	1.5
3	64QAM	8	4	20.51	20.51	20.50		
3	64QAM	8	7	20.50	20.55	20.54		
3	64QAM	15	0	20.52	20.51	20.51		
3	256QAM	1	0	18.64	18.52	18.58	20.5	3.5
3	256QAM	1	8	18.58	18.69	18.53		
3	256QAM	1	14	18.50	18.52	18.59		
3	256QAM	8	0	18.53	18.74	18.67	20.5	3.5
3	256QAM	8	4	18.52	18.52	18.57		
3	256QAM	8	7	18.51	18.53	18.66		
3	256QAM	15	0	18.54	18.65	18.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.12	22.21	22.12	24	0
1.4	QPSK	1	3	22.02	22.21	22.08		
1.4	QPSK	1	5	22.03	22.02	22.11		
1.4	QPSK	3	0	22.02	22.18	22.07		
1.4	QPSK	3	1	22.09	22.13	22.11		
1.4	QPSK	3	3	21.84	21.93	22.04		
1.4	QPSK	6	0	22.05	22.23	22.04	24	0
1.4	16QAM	1	0	22.03	22.12	22.18	24	0
1.4	16QAM	1	3	22.09	22.03	22.03		
1.4	16QAM	1	5	22.02	22.12	22.03		
1.4	16QAM	3	0	22.09	22.28	22.17		
1.4	16QAM	3	1	22.10	22.21	22.10		
1.4	16QAM	3	3	22.08	22.22	22.16		
1.4	16QAM	6	0	21.54	21.52	21.50	23.5	0.5
1.4	64QAM	1	0	21.58	21.62	21.58	23.5	0.5
1.4	64QAM	1	3	21.58	21.62	21.62		
1.4	64QAM	1	5	21.50	21.52	21.54		
1.4	64QAM	3	0	21.50	21.51	21.52		
1.4	64QAM	3	1	21.52	21.56	21.53		
1.4	64QAM	3	3	21.53	21.60	21.53		
1.4	64QAM	6	0	20.52	20.50	20.50	22.5	1.5
1.4	256QAM	1	0	18.58	18.52	18.53	20.5	3.5
1.4	256QAM	1	3	18.53	18.59	18.53		
1.4	256QAM	1	5	18.50	18.60	18.54		
1.4	256QAM	3	0	18.53	18.52	18.54		
1.4	256QAM	3	1	18.50	18.54	18.54		
1.4	256QAM	3	3	18.54	18.64	18.57		
1.4	256QAM	6	0	18.64	18.63	18.51	20.5	3.5

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.34	14.47	14.32	15.5	0
20	QPSK	1	49	14.28	14.42	14.29		
20	QPSK	1	99	14.28	14.42	14.29		
20	QPSK	50	0	14.25	14.39	14.24	15.5	0
20	QPSK	50	24	14.22	14.34	14.22		
20	QPSK	50	50	14.23	14.35	14.23		
20	QPSK	100	0	14.27	14.42	14.28		
20	16QAM	1	0	14.33	14.32	14.34	15.5	0
20	16QAM	1	49	14.23	14.26	14.25		
20	16QAM	1	99	14.27	14.29	14.27		
20	16QAM	50	0	14.27	14.27	14.24		
20	16QAM	50	24	14.21	14.21	14.21		
20	16QAM	50	50	14.35	14.23	14.23		
20	16QAM	100	0	14.28	14.28	14.30		
20	64QAM	1	0	14.27	14.33	14.33	15.5	0
20	64QAM	1	49	14.26	14.23	14.23		
20	64QAM	1	99	14.19	14.30	14.27		
20	64QAM	50	0	14.23	14.24	14.28		
20	64QAM	50	24	14.28	14.22	14.20		
20	64QAM	50	50	14.20	14.33	14.20		
20	64QAM	100	0	14.30	14.24	14.30		
20	256QAM	1	0	14.32	14.27	14.33	15.5	0
20	256QAM	1	49	14.24	14.24	14.25		
20	256QAM	1	99	14.29	14.20	14.27		
20	256QAM	50	0	14.25	14.23	14.25	15.5	0
20	256QAM	50	24	14.22	14.28	14.22		
20	256QAM	50	50	14.20	14.23	14.21		
20	256QAM	100	0	14.29	14.28	14.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.32	14.16	14.16	15.5	0
15	QPSK	1	37	14.18	14.25	14.14		
15	QPSK	1	74	14.13	14.36	14.23		
15	QPSK	36	0	14.11	14.31	14.23	15.5	0
15	QPSK	36	20	14.09	14.25	14.15		
15	QPSK	36	39	14.11	14.30	14.13		
15	QPSK	75	0	14.16	14.32	14.23		
15	16QAM	1	0	14.20	14.20	14.19	15.5	0
15	16QAM	1	37	14.11	14.15	14.16		
15	16QAM	1	74	14.15	14.17	14.17		
15	16QAM	36	0	14.21	14.23	14.15		
15	16QAM	36	20	14.08	14.09	14.13	15.5	0
15	16QAM	36	39	14.30	14.08	14.10		
15	16QAM	75	0	14.16	14.23	14.15		
15	64QAM	1	0	14.19	14.19	14.28	15.5	0
15	64QAM	1	37	14.18	14.17	14.13		
15	64QAM	1	74	14.11	14.20	14.22		
15	64QAM	36	0	14.14	14.09	14.15	15.5	0
15	64QAM	36	20	14.23	14.11	14.14		
15	64QAM	36	39	14.11	14.21	14.08		
15	64QAM	75	0	14.23	14.14	14.23		
15	256QAM	1	0	14.19	14.13	14.27	15.5	0
15	256QAM	1	37	14.19	14.37	14.15		
15	256QAM	1	74	14.18	14.25	14.18		
15	256QAM	36	0	14.19	14.32	14.13	15.5	0
15	256QAM	36	20	14.08	14.37	14.07		
15	256QAM	36	39	14.09	14.34	14.09		
15	256QAM	75	0	14.24	14.41	14.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.24	14.34	14.18	15.5	0
10	QPSK	1	25	14.15	14.23	14.13		
10	QPSK	1	49	14.23	14.29	14.18		
10	QPSK	25	0	14.17	14.34	14.16	15.5	0
10	QPSK	25	12	14.08	14.24	14.10		
10	QPSK	25	25	14.10	14.20	14.15		
10	QPSK	50	0	14.17	14.33	14.23		
10	16QAM	1	0	14.20	14.19	14.24	15.5	0
10	16QAM	1	25	14.16	14.15	14.13		
10	16QAM	1	49	14.15	14.15	14.21		
10	16QAM	25	0	14.19	14.22	14.13	15.5	0
10	16QAM	25	12	14.06	14.09	14.08		
10	16QAM	25	25	14.28	14.15	14.12		
10	16QAM	50	0	14.18	14.17	14.16		
10	64QAM	1	0	14.21	14.26	14.18	15.5	0
10	64QAM	1	25	14.16	14.15	14.12		
10	64QAM	1	49	14.06	14.15	14.21		
10	64QAM	25	0	14.13	14.11	14.19	15.5	0
10	64QAM	25	12	14.16	14.16	14.07		
10	64QAM	25	25	14.09	14.24	14.08		
10	64QAM	50	0	14.22	14.14	14.15		
10	256QAM	1	0	14.21	14.16	14.20	15.5	0
10	256QAM	1	25	14.16	14.30	14.13		
10	256QAM	1	49	14.24	14.25	14.12		
10	256QAM	25	0	14.20	14.37	14.19	15.5	0
10	256QAM	25	12	14.12	14.42	14.09		
10	256QAM	25	25	14.11	14.31	14.13		
10	256QAM	50	0	14.21	14.34	14.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.26	14.37	14.27	15.5	0
5	QPSK	1	12	14.17	14.28	14.15		
5	QPSK	1	24	14.18	14.34	14.14		
5	QPSK	12	0	14.18	14.33	14.13	15.5	0
5	QPSK	12	7	14.17	14.21	14.11		
5	QPSK	12	13	14.30	14.33	14.09		
5	QPSK	25	0	14.21	14.35	14.16		
5	16QAM	1	0	14.26	14.24	14.26	15.5	0
5	16QAM	1	12	14.13	14.13	14.21		
5	16QAM	1	24	14.13	14.21	14.18		
5	16QAM	12	0	14.14	14.13	14.12	15.5	0
5	16QAM	12	7	14.10	14.14	14.10		
5	16QAM	12	13	14.11	14.26	14.09		
5	16QAM	25	0	14.14	14.13	14.15		
5	64QAM	1	0	14.20	14.18	14.18	15.5	0
5	64QAM	1	12	14.17	14.13	14.16		
5	64QAM	1	24	14.13	14.15	14.19		
5	64QAM	12	0	14.12	14.11	14.17	15.5	0
5	64QAM	12	7	14.08	14.18	14.09		
5	64QAM	12	13	14.08	14.18	14.09		
5	64QAM	25	0	14.15	14.11	14.23		
5	256QAM	1	0	14.16	14.14	14.20	15.5	0
5	256QAM	1	12	14.12	14.36	14.20		
5	256QAM	1	24	14.21	14.31	14.21		
5	256QAM	12	0	14.11	14.28	14.16	15.5	0
5	256QAM	12	7	14.08	14.38	14.16		
5	256QAM	12	13	14.12	14.31	14.09		
5	256QAM	25	0	14.23	14.40	14.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.24	14.36	14.17	15.5	0
3	QPSK	1	8	14.13	14.24	14.08		
3	QPSK	1	14	14.20	14.27	14.17		
3	QPSK	8	0	14.12	14.33	14.11	15.5	0
3	QPSK	8	4	14.08	14.26	14.07		
3	QPSK	8	7	14.16	14.20	14.10		
3	QPSK	15	0	14.20	14.36	14.23		
3	16QAM	1	0	14.22	14.17	14.24	15.5	0
3	16QAM	1	8	14.17	14.13	14.16		
3	16QAM	1	14	14.15	14.24	14.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.96	23.13	23.03	24.5	0.0
20	PI/2 BPSK	1	53	22.98	23.01	23.04		
20	PI/2 BPSK	1	104	23.02	23.12	22.96		
20	PI/2 BPSK	50	0	23.03	23.05	23.02	24.5	0.0
20	PI/2 BPSK	50	28	22.95	23.06	23.04	24.5	0.0
20	PI/2 BPSK	50	56	22.96	23.03	23.02	24.5	0.0
20	PI/2 BPSK	100	0	23.02	23.04	23.02		
20	QPSK	1	1	23.16	23.25	23.17	24.5	0.0
20	QPSK	1	53	22.98	23.01	23.01		
20	QPSK	1	104	23.03	23.13	23.04		
20	QPSK	50	0	22.92	23.08	22.99	24.5	0.0
20	QPSK	50	28	23.01	23.20	23.13	24.5	0.0
20	QPSK	50	56	22.94	23.10	23.02	24.5	0.0
20	QPSK	100	0	23.14	23.17	23.03		
20	16QAM	1	1	22.92	23.02	23.06	24.5	0.0
20	64QAM	1	1	21.23	21.37	21.19	23.0	1.5
20	256QAM	1	1	19.78	19.87	19.84	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.01	23.07	22.96	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.96	23.13	23.06	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.94	23.06	22.99	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.69	20.64	20.69	22.5	0.0
20	PI/2 BPSK	1	53	20.59	20.62	20.57		
20	PI/2 BPSK	1	104	20.50	20.57	20.50		
20	PI/2 BPSK	50	0	20.69	20.68	20.63	22.5	0.0
20	PI/2 BPSK	50	28	20.66	20.55	20.69	22.5	0.0
20	PI/2 BPSK	50	56	20.65	20.71	20.68	22.5	0.0
20	PI/2 BPSK	100	0	20.57	20.63	20.68		
20	QPSK	1	1	20.66	20.71	20.69	22.5	0.0
20	QPSK	1	53	20.60	20.62	20.68		
20	QPSK	1	104	20.55	20.61	20.51		
20	QPSK	50	0	20.62	20.65	20.63	22.5	0.0
20	QPSK	50	28	20.68	20.69	20.67	22.5	0.0
20	QPSK	50	56	20.63	20.61	20.57	22.5	0.0
20	QPSK	100	0	20.63	20.66	20.59		
20	16QAM	1	1	20.63	20.54	20.69	22.5	0.0
20	64QAM	1	1	20.61	20.65	20.50	22.5	0.0
20	256QAM	1	1	19.11	19.26	19.09	21.0	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.51	20.53	20.71	22.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.53	20.70	20.72	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.52	20.67	20.60	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	14.33	14.39	14.25	15.5	0.0
40	PI/2 BPSK	1	108	14.36	14.38	14.49		
40	PI/2 BPSK	1	214	14.34	14.44	14.48		
40	PI/2 BPSK	108	0	14.39	14.40	14.33	15.5	0.0
40	PI/2 BPSK	108	54	14.31	14.25	14.23	15.5	0.0
40	PI/2 BPSK	108	108	14.35	14.33	14.24	15.5	0.0
40	PI/2 BPSK	216	0	14.30	14.30	14.18		
40	QPSK	1	1	14.35	14.50	14.38	15.5	0.0
40	QPSK	1	108	14.27	14.38	14.33		
40	QPSK	1	214	14.33	14.43	14.32		
40	QPSK	108	0	14.31	14.34	14.28	15.5	0.0
40	QPSK	108	54	14.38	14.47	14.41	15.5	0.0
40	QPSK	108	108	14.33	14.39	14.28	15.5	0.0
40	QPSK	216	0	14.39	14.42	14.32		
40	16QAM	1	1	14.34	14.37	14.26	15.5	0.0
40	64QAM	1	1	14.33	14.41	14.37	15.5	0.0
40	256QAM	1	1	14.38	14.35	14.20	15.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.26	14.39	14.33	15.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.36	14.39	14.23	15.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.38	14.43	14.26	15.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.24	14.48	14.27	15.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.20	14.38	14.31	15.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.34	14.41	14.29	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.34	16.47	16.40	17.5	0.0
40	PI/2 BPSK	1	108	16.33	16.45	16.35		
40	PI/2 BPSK	1	214	16.14	16.25	16.20		
40	PI/2 BPSK	108	0	16.38	16.51	16.43	17.5	0.0
40	PI/2 BPSK	108	54	16.43	16.50	16.38	17.5	0.0
40	PI/2 BPSK	108	108	16.28	16.41	16.32	17.5	0.0
40	PI/2 BPSK	216	0	16.34	16.48	16.34		
40	QPSK	1	1	16.47	16.58	16.53	17.5	0.0
40	QPSK	1	108	16.37	16.47	16.37		
40	QPSK	1	214	16.23	16.33	16.25		
40	QPSK	108	0	16.24	16.31	16.23	17.5	0.0
40	QPSK	108	54	16.39	16.50	16.37	17.5	0.0
40	QPSK	108	108	16.31	16.41	16.27	17.5	0.0
40	QPSK	216	0	16.40	16.47	16.34		
40	16QAM	1	1	16.14	16.26	16.12	17.5	0.0
40	64QAM	1	1	16.34	16.33	16.28	17.5	0.0
40	256QAM	1	1	16.34	16.36	16.30	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.53	16.50	16.49	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.46	16.45	16.46	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.52	16.51	16.48	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.55	16.44	16.45	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.58	16.48	16.61	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.53	16.50	16.59	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.75	17.73	17.71	19.5	0.0
40	PI/2 BPSK	1	108	17.67	17.68	17.69		
40	PI/2 BPSK	1	214	17.72	17.71	17.69		
40	PI/2 BPSK	108	0	17.77	17.69	17.68	19.5	0.0
40	PI/2 BPSK	108	54	17.75	17.66	17.61	19.5	0.0
40	PI/2 BPSK	108	108	17.68	17.74	17.61	19.5	0.0
40	PI/2 BPSK	216	0	17.69	17.65	17.69		
40	QPSK	1	1	17.74	17.77	17.75	19.5	0.0
40	QPSK	1	108	17.70	17.69	17.68		
40	QPSK	1	214	17.74	17.68	17.68		
40	QPSK	108	0	17.70	17.70	17.67	19.5	0.0
40	QPSK	108	54	17.71	17.74	17.68	19.5	0.0
40	QPSK	108	108	17.65	17.67	17.63	19.5	0.0
40	QPSK	216	0	17.66	17.69	17.64		
40	16QAM	1	1	17.68	17.64	17.66	19.5	0.0
40	64QAM	1	1	17.60	17.65	17.74	19.5	0.0
40	256QAM	1	1	17.69	17.67	17.67	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.54	17.60	17.52	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.54	17.53	17.55	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.75	17.62	17.58	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.58	17.60	17.54	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.67	17.54	17.59	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.61	17.58	17.56	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.29	23.31	23.12	24.5	0.0
40	PI/2 BPSK	1	108	23.32	23.32	23.23		
40	PI/2 BPSK	1	214	23.21	23.21	23.01		
40	PI/2 BPSK	108	0	22.57	22.72	22.70	24.0	0.5
40	PI/2 BPSK	108	54	23.33	23.33	23.20	24.5	0.0
40	PI/2 BPSK	108	108	22.37	22.43	22.42	24.0	0.5
40	PI/2 BPSK	216	0	22.54	22.70	22.63		
40	QPSK	1	1	23.22	23.35	23.26	24.5	0.0
40	QPSK	1	108	23.19	23.31	23.17		
40	QPSK	1	214	23.12	23.18	22.99		
40	QPSK	108	0	22.07	22.21	22.08	23.5	1.0
40	QPSK	108	54	23.18	23.32	23.17	24.5	0.0
40	QPSK	108	108	21.79	21.90	21.71	23.5	1.0
40	QPSK	216	0	21.83	22.02	21.85		
40	16QAM	1	1	21.85	22.05	21.95	23.5	1.0
40	64QAM	1	1	20.52	20.62	20.49	22.0	2.5
40	256QAM	1	1	19.04	19.20	19.13	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.27	23.20	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.19	23.32	23.24	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.16	23.32	23.19	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.20	23.30	23.20	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.17	23.31	23.20	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.13	23.30	23.19	24.5	0.0

WIFI&Bluetooth

<WLAN 2.4GHz_FCC>

2.4GHz WLAN				FULL Power						Head Standalone						Head Simultaneous						Hotspot						Extrimly Standalone			
				Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	16.81	18.00	17.12	18.00	19.98	21.00	16.81	18.00	17.12	18.00	19.98	21.00	13.01	14.50	13.12	14.50	16.08	17.50	16.81	18.00	17.12	18.00	19.98	21.00	16.81	18.00	17.12	18.00
		6	2437	17.09	18.00	17.61	18.00	20.37	21.00	17.09	18.00	17.61	18.00	20.37	21.00	13.92	14.50	13.08	14.50	16.53	17.50	17.09	18.00	17.61	18.00	20.37	21.00	17.09	18.00	17.61	18.00
		11	2462	16.39	18.00	16.92	18.00	19.67	21.00	16.39	18.00	16.92	18.00	19.67	21.00	12.61	14.50	13.17	14.50	15.91	17.50	16.39	18.00	16.92	18.00	19.67	21.00	16.39	18.00	16.92	18.00
	802.11g 6Mbps	1	2412	15.25	17.00	15.28	17.00	18.28	20.00	15.25	17.00	15.28	17.00	18.28	20.00		14.50		14.50		17.50	15.25	17.00	15.28	17.00	18.28	20.00	15.25	17.00	15.28	17.00
		6	2437	16.48	18.00	16.75	18.00	19.63	21.00	16.48	18.00	16.75	18.00	19.63	21.00		14.50		14.50		17.50	16.48	18.00	16.75	18.00	19.63	21.00	16.48	18.00	16.75	18.00
		11	2462	15.94	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50	19.02	20.50		14.50		14.50		17.50	15.94	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50
	802.11n-HT20 MCS0	1	2412	12.76	14.50	12.67	14.50	15.73	17.50	12.76	14.50	12.67	14.50	15.73	17.50		14.50		14.50		17.50	12.76	14.50	12.67	14.50	15.73	17.50	12.76	14.50	12.67	14.50
		6	2437	16.43	18.00	16.64	18.00	19.55	21.00	16.43	18.00	16.64	18.00	19.55	21.00	Not Required	14.50	Not Required	14.50	Not Required	17.50	16.43	18.00	16.64	18.00	19.55	21.00	16.43	18.00	16.64	18.00
		11	2462	15.42	17.00	15.48	17.00	18.46	20.00	15.42	17.00	15.48	17.00	18.46	20.00		14.50		14.50		17.50	15.42	17.00	15.48	17.00	18.46	20.00	15.42	17.00	15.48	17.00
	802.11ax-HE20 MCS0	1	2412	12.89	14.50	12.76	14.50	15.84	17.50	12.89	14.50	12.76	14.50	15.84	17.50		14.50		14.50		17.50	12.89	14.50	12.76	14.50	15.84	17.50	12.89	14.50	12.76	14.50
		6	2437	16.69	18.00	16.94	18.00	19.83	21.00	16.69	18.00	16.94	18.00	19.83	21.00		14.50		14.50		17.50	16.69	18.00	16.94	18.00	19.83	21.00	16.69	18.00	16.94	18.00
		11	2462	15.53	17.00	15.62	17.00	18.59	20.00	15.53	17.00	15.62	17.00	18.59	20.00		14.50		14.50		17.50	15.53	17.00	15.62	17.00	18.59	20.00	15.53	17.00	15.62	17.00

<WLAN 5GHz_FCC>

5.2GHz WLAN				FULL Power						Head Standalone						Head Simultaneous						Hotspot						Extrimly Standalone			
				Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180	14.37	15.00	13.94	15.00	17.17	18.00	14.37	15.00	13.94	15.00	17.17	18.00		11.50		11.50		14.50	14.37	15.00	13.94	15.00	17.17	18.00	14.37	15.00	13.94	15.00
		40	5200	14.11	15.00	13.79	15.00	16.97	18.00	14.11	15.00	13.79	15.00	16.97	18.00		11.50		11.50		14.50	14.11	15.00	13.79	15.00	16.97	18.00	14.11	15.00	13.79	15.00
		44	5220	14.22	15.00	13.79	15.00	17.02	18.00	14.22	15.00	13.79	15.00	17.02	18.00		11.50		11.50		14.50	14.22	15.00	13.79	15.00	17.02	18.00	14.22	15.00	13.79	15.00
		48	5240	14.26	15.00	13.80	15.00	17.05	18.00	14.26	15.00	13.80	15.00	17.05	18.00		11.50		11.50		14.50	14.26	15.00	13.80	15.00	17.05	18.00	14.26	15.00	13.80	15.00
	802.11n-HT20 MCS0	36	5180	14.20	15.00	13.74	15.00	16.99	18.00	14.20	15.00	13.74	15.00	16.99	18.00		11.50		11.50		14.50	14.20	15.00	13.74	15.00	16.99	18.00	14.20	15.00	13.74	15.00
		40	5200	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00	17.03	18.00		11.50		11.50		14.50	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00
		44	5220	14.19	15.00	13.81	15.00	17.02	18.00	14.19	15.00	13.81	15.00	17.02	18.00		11.50		11.50		14.50	14.19	15.00	13.81	15.00	17.02	18.00	14.19	15.00	13.81	15.00
		48	5240	14.35	15.00	13.89	15.00	17.14	18.00	14.35	15.00	13.89	15.00	17.14	18.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	14.35	15.00	13.89	15.00	17.14	18.00	14.35	15.00	13.89	15.00
	802.11n-HT40 MCS0	38	5190	13.95	15.00	13.26	15.00	16.63	18.00	13.95	15.00	13.26	15.00	16.63	18.00		11.50		11.50		14.50	13.95	15.00	13.26	15.00	16.63	18.00	13.95	15.00	13.26	15.00
		46	5230	14.10	15.00	13.52	15.00	16.83	18.00	14.10	15.00	13.52	15.00	16.83	18.00		11.50		11.50		14.50	14.10	15.00	13.52	15.00	16.83	18.00	14.10	15.00	13.52	15.00
5.2GHz WLAN	802.11ac-VHT20 MCS0	36	5180	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00	17.03	18.00		11.50		11.50		14.50	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00
		40	5200	14.29	15.00	13.83	15.00	17.08	18.00	14.29	15.00	13.83	15.00	17.08	18.00		11.50		11.50		14.50	14.29	15.00	13.83	15.00	17.08	18.00	14.29	15.00	13.83	15.00
		44	5220	14.27	15.00	13.88	15.00	17.09	18.00	14.27	15.00	13.88	15.00	17.09	18.00		11.50		11.50		14.50	14.27	15.00	13.88	15.00	17.09	18.00	14.27	15.00	13.88	15.00
		48	5240	14.39	15.00	13.95	15.00	17.19	18.00	14.39	15.00	13.95	15.00	17.19	18.00		11.50		11.50		14.50	14.39	15.00	13.95	15.00	17.19	18.00	14.39	15.00	13.95	15.00
	802.11ac-VHT40 MCS0	38	5190	13.98	15.00	13.30	15.00	16.66	18.00	13.98	15.00	13.30	15.00	16.66	18.00		11.50		11.50		14.50	13.98	15.00	13.30	15.00	16.66	18.00	13.98	15.00	13.30	15.00
		46	5230	14.14	15.00	13.55	15.00	16.87	18.00	14.14	15.00	13.55	15.00	16.87	18.00		11.50		11.50		14.50	14.14	15.00	13.55	15.00	16.87	18.00	14.14	15.00	13.55	15.00
	802.11ac-VHT80 MCS0	42	5210	13.82	15.00	13.27	15.00	16.56	18.00	13.82	15.00	13.27	15.00	16.56	18.00	10.13	11.50	9.74	11.50	12.95	14.50	13.82	15.00	13.27	15.00	16.56	18.00	13.82	15.00	13.27	15.00
	802.11ax-HE20 MCS0	36	5180	14.32	15.00	13.86	15.00	17.11	18.00	14.32	15.00	13.86	15.00	17.11	18.00		11.50		11.50		14.50	14.32	15.00	13.86	15.00	17.11	18.00	14.32	15.00	13.86	15.00
		40	5200	14.39	15.00	13.89	15.00	17.16	18.00	14.39	15.00	13.89	15.00	17.16	18.00		11.50		11.50		14.50	14.39	15.00	13.89	15.00	17.16	18.00	14.39	15.00	13.89	15.00
		44	5220	14.36	15.00	13.97	15.00	17.18	18.00	14.36	15.00	13.97	15.00	17.18	18.00		11.50		11.50		14.50	14.36	15.00	13.97	15.00	17.18	18.00	14.36	15.00	13.97	15.00
		48	5240	14.47	15.00	14.05	15.00	17.28	18.00	14.47	15.00	14.05	15.00	17.28	18.00	Not Required	11.50	Not Required	11.50	Not Required	14.50	14.47	15.00	14.05	15.00	17.28	18.00	14.47	15.00	14.05	15.00
	802.11ax-HE40 MCS0	38	5190	14.08	15.00	13.41	15.00	16.77	18.00	14.08	15.00	13.41	15.00	16.77	18.00		11.50		11.50		14.50	14.08	15.00	13.41	15.00	16.77	18.00	14.08	15.00	13.41	15.00
		46	5230	14.26	15.00	13.65	15.00	16.98	18.00	14.26	15.00	13.65	15.00	16.98	18.00		11.50		11.50		14.50	14.26	15.00	13.65	15.00	16.98	18.00	14.26	15.00	13.65	15.00
	802.11ax-HE80 MCS0	42	5210	13.93	15.00	13.37	15.00	16.67	18.00	13.93	15.00	13.37	15.00	16.67	18.00		11.50		11.50		14.50	13.93	15.00	13.37	15.00	16.67	18.00	13.93	15.00	13.37	15.00

5.3GHz WLAN				FULL Power						Head Standalone						Head Simultaneous						Extrimly Standalone						Extrimly Simultaneous			
				Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	52	5260	17.90	19.00	17.50	19.00	20.72	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		56	5280	17.97	19.00	17.53	19.00	20.77	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		60	5300	17.89	19.00	17.54	19.00	20.73	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		64	5320	17.95	19.00	17.72	19.00	20.85	22.00		15.50		15.50		18.50		12.00		12.00		15.00	Not Required	18.00	Not Required	18.00	Not Required	21.00		13.50		13.50
	802.11n-HT20 MCS0	52	5260	17.76	19.00	17.38	19.00	20.59	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		56	5280	17.79	19.00	17.46	19.00	20.64	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		60	5300	17.88	19.00	17.55	19.00	20.73	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		64	5320	17.94	19.00	17.58	19.00	20.78	22.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	12.00	Not Required	12.00	Not Required	15.00		18.00		18.00		21.00	Not Required	13.50	Not Required	13.50
	802.11n-HT40 MCS0	54	5270	17.62	18.50	17.09	18.50	20.38	21.50		15.50		15.50		18.50		12.00		12.00		15.00	16.70	18.00	16.24	18.00	19.19	21.00		13.50		13.50
		62	5310	15.69	16.50	15.10	16.50	18.42	19.50		15.50		15.50		18.50		12.00		12.00		15.00	15.69	16.50	15.10	16.50	18.12	19.50		13.50		13.50
5.3GHz WLAN	802.11ac-VHT20 MCS0	52	5260	17.81	19.00	17.43	19.00	20.64	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		56	5280	17.87	19.00	17.50	19.00	20.70	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		60	5300	17.94	19.00	17.58	19.00	20.78	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		64	5320	17.99	19.00	17.62	19.00	20.82	22.00		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
	802.11ac-VHT40 MCS0	54	5270	17.68	18.50	17.16	18.50	20.44	21.50		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		62	5310	15.76	16.50	15.17	16.50	18.49	19.50		15.50		15.50		18.50		12.00		12.00		15.00		16.50		16.50		19.50		13.50		13.50
	802.11ac-VHT80 MCS0	58	5290	14.32	15.50	13.53	15.50	16.95	18.50	14.32	15.50	13.53	15.50	16.95	18.50	10.81	12.00	10.02	12.00	13.44	15.00		15.50		15.50		18.50	12.55	13.50	11.62	13.50
	802.11ax-HE20 MCS0	52	5260	18.42	19.50	18.01	19.50	21.23	22.50		15.50		15.50		18.50		12.00		12.00		15.00	Not Required	18.00	Not Required	18.00	Not Required	21.00		13.50		13.50
		56	5280	18.44	19.50	18.07	19.50	21.27	22.50		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		60	5300	18.56	19.50	18.19	19.50	21.39	22.50		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		64	5320	18.57	19.50	18.21	19.50	21.41	22.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	12.00	Not Required	12.00	Not Required	15.00		18.00		18.00		21.00	Not Required	13.50	Not Required	13.50
	802.11ax-HE40 MCS0	54	5270	18.28	19.50	17.79	19.50	21.05	22.50		15.50		15.50		18.50		12.00		12.00		15.00		18.00		18.00		21.00		13.50		13.50
		62	5310	15.85	16.50	15.26	16.50	18.57	19.50		15.50		15.50		18.50		12.00		12.00		15.00		16.50		16.50		19.50		13.50		13.50
	802.11ax-HE80 MCS0	58	5290	14.30	15.50	13.67	15.50	17.01	18.50		15.50		15.50		18.50		12.00		12.00		15.00		15.50		15.50		18.50		13.50		13.50

5.5GHz WLAN				FULL Power						Head Standalone						Head Simultaneous						Extrimly Standalone						Extrimly Simultaneous			
				Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500	16.48	17.50	16.31	17.50	19.41	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.48	17.50	16.31	17.50	19.41	20.50		16.00		16.00
		116	5580	16.30	17.50	16.54	17.50	19.44	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.30	17.50	16.54	17.50	19.44	20.50		16.00		16.00
		124	5620	16.31	17.50	16.39	17.50	19.36	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.31	17.50	16.39	17.50	19.36	20.50		16.00		16.00
		132	5660	16.60	17.50	16.50	17.50	19.56	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.60	17.50	16.50	17.50	19.56	20.50		16.00		16.00
		140	5700	16.55	17.50	16.31	17.50	19.45	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.55	17.50	16.31	17.50	19.45	20.50		16.00		16.00
		144	5720	16.58	17.50	16.30	17.50	19.46	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.58	17.50	16.30	17.50	19.46	20.50		16.00		16.00
	802.11n-HT20 MCS0	100	5500	16.30	17.50	16.20	17.50	19.26	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.30	17.50	16.20	17.50	19.26	20.50		16.00		16.00
		116	5580	16.24	17.50	16.39	17.50	19.39	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.24	17.50	16.39	17.50	19.39	20.50		16.00		16.00
		124	5620	16.20	17.50	16.40	17.50	19.31	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.20	17.50	16.40	17.50	19.31	20.50		16.00		16.00
		132	5660	16.51	17.50	16.32	17.50	19.43	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.51	17.50	16.32	17.50	19.43	20.50		16.00		16.00
		140	5700	16.39	17.50	16.27	17.50	19.34	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.39	17.50	16.27	17.50	19.34	20.50		16.00		16.00
		144	5720	16.44	17.50	16.17	17.50	19.32	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.44	17.50	16.17	17.50	19.32	20.50		16.00		16.00
	802.11n-HT40 MCS0	102	5510	16.02	17.50	15.88	17.50	18.96	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.02	17.50	15.88	17.50	18.96	20.50		16.00		16.00
		110	5550	16.05	17.50	15.98	17.50	19.03	20.50	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required	11.00	Not Required	11.00	Not Required	14.00	16.05	17.50	15.98	17.50	19.03	20.50	Not Required	16.00	Not Required	16.00
		126	5630	15.77	17.50	15.95	17.50	18.87	20.50		14.50		14.50		17.50		11.00		11.00		14.00	15.77	17.50	15.95	17.50	18.87	20.50		16.00		16.00
		134	5670	16.10	17.50	16.03	17.50	19.08	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.10	17.50	16.03	17.50	19.08	20.50		16.00		16.00
		142	5710	16.16	17.50	15.97	17.50	19.08	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.16	17.50	15.97	17.50	19.08	20.50		16.00		16.00
	802.11ac-VHT20 MCS0	100	5500	16.34	17.50	16.28	17.50	19.32	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.34	17.50	16.28	17.50	19.32	20.50		16.00		16.00
		116	5580	16.27	17.50	16.56	17.50	19.43	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.27	17.50	16.56	17.50	19.43	20.50		16.00		16.00
		124	5620	16.27	17.50	16.43	17.50	19.36	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.27	17.50	16.43	17.50	19.36	20.50		16.00		16.00
		132	5660	16.55	17.50	16.36	17.50	19.47	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.55	17.50	16.36	17.50	19.47	20.50		16.00		16.00
		140	5700	16.45	17.50	16.33	17.50	19.40	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.45	17.50	16.33	17.50	19.40	20.50		16.00		16.00
		144	5720	16.49	17.50	16.22	17.50	19.37	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.49	17.50	16.22	17.50	19.37	20.50		16.00		16.00
5.5GHz WLAN	802.11ac-VHT40 MCS0	102	5510	16.06	17.50	15.94	17.50	19.01	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.06	17.50	15.94	17.50	19.01	20.50		16.00		16.00
		110	5550	16.12	17.50	16.02	17.50	19.08	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.12	17.50	16.02	17.50	19.08	20.50		16.00		16.00
		126	5630	15.82	17.50	15.98	17.50	18.91	20.50		14.50		14.50		17.50		11.00		11.00		14.00	15.82	17.50	15.98	17.50	18.91	20.50		16.00		16.00
		134	5670	16.13	17.50	16.11	17.50	19.13	20.50		14.50		14.50		17.50		11.00		11.00		14.00	16.13	17.50	16.11	17.50	19.13	20.50		16.00		16.00
		142	5710	16.18	17.50	16.02	17.50	19.11	20.50		14.50		14.50		17.50		11.00		11.00		14.00

SPORTON LAB.

WIFI

<WLAN 2.4GHz_FCC>

2.4GHz WLAN				Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.98	21.00	16.81	18.00	17.12	18.00	19.98	21.00	16.81	18.00	17.12	18.00	19.98	21.00	16.81	18.00	17.12	18.00	19.98	21.00	100.00
		6	2437	20.37	21.00	17.09	18.00	17.61	18.00	20.37	21.00	17.09	18.00	17.61	18.00	20.37	21.00	17.09	18.00	17.61	18.00	20.37	21.00	
		11	2462	19.67	21.00	16.39	18.00	16.92	18.00	19.67	21.00	16.39	18.00	16.92	18.00	19.67	21.00	16.39	18.00	16.92	18.00	19.67	21.00	
	802.11g 6Mbps	1	2412	18.28	20.00	15.25	17.00	15.28	17.00	18.28	20.00	15.25	17.00	15.28	17.00	18.28	20.00	15.25	17.00	15.28	17.00	18.28	20.00	96.97
		6	2437	19.63	21.00	16.48	18.00	16.75	18.00	19.63	21.00	16.48	18.00	16.75	18.00	19.63	21.00	16.48	18.00	16.75	18.00	19.63	21.00	
		11	2462	19.02	20.50	15.94	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50	19.02	20.50	
	802.11n-HT20 MCS0	1	2412	15.73	17.50	12.76	14.50	12.67	14.50	15.73	17.50	12.76	14.50	12.67	14.50	15.73	17.50	12.76	14.50	12.67	14.50	15.73	17.50	96.76
		6	2437	19.43	21.00	16.43	18.00	16.64	18.00	19.55	21.00	16.43	18.00	16.64	18.00	19.55	21.00	16.43	18.00	16.64	18.00	19.55	21.00	
		11	2462	18.46	20.00	15.42	17.00	15.48	17.00	18.46	20.00	15.42	17.00	15.48	17.00	18.46	20.00	15.42	17.00	15.48	17.00	18.46	20.00	
	802.11ax-HE20 MCS0	1	2412	15.84	17.50	12.89	14.50	12.76	14.50	15.84	17.50	12.89	14.50	12.76	14.50	15.84	17.50	12.89	14.50	12.76	14.50	15.84	17.50	95.21
		6	2437	19.83	21.00	16.69	18.00	16.94	18.00	19.83	21.00	16.69	18.00	16.94	18.00	19.83	21.00	16.69	18.00	16.94	18.00	19.83	21.00	
		11	2462	18.59	20.00	15.53	17.00	15.62	17.00	18.59	20.00	15.53	17.00	15.62	17.00	18.59	20.00	15.53	17.00	15.62	17.00	18.59	20.00	

<WLAN 5GHz_FCC>

5.2GHz WLAN				Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.17	18.00		13.50		13.50		16.50	14.37	15.00	13.94	15.00	17.17	18.00	14.37	15.00	13.94	15.00	17.17	18.00	96.97
		40	5200	16.97	18.00		13.50		13.50		16.50	14.11	15.00	13.79	15.00	16.97	18.00	14.11	15.00	13.79	15.00	16.97	18.00	
		44	5220	17.02	18.00		13.50		13.50		16.50	14.22	15.00	13.79	15.00	17.02	18.00	14.22	15.00	13.79	15.00	17.02	18.00	
		48	5240	17.05	18.00		13.50		13.50		16.50	14.26	15.00	13.80	15.00	17.05	18.00	14.26	15.00	13.80	15.00	17.05	18.00	
	802.11n-HT20 MCS0	36	5180	16.99	18.00		13.50		13.50		16.50	14.20	15.00	13.74	15.00	16.99	18.00	14.20	15.00	13.74	15.00	16.99	18.00	96.76
		40	5200	17.03	18.00		13.50		13.50		16.50	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00	17.03	18.00	
		44	5220	17.02	18.00		13.50		13.50		16.50	14.19	15.00	13.81	15.00	17.02	18.00	14.19	15.00	13.81	15.00	17.02	18.00	
		48	5240	17.14	18.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	14.35	15.00	13.89	15.00	17.14	18.00	14.35	15.00	13.89	15.00	17.14	18.00	
	802.11n-HT40 MCS0	38	5190	16.63	18.00		13.50		13.50		16.50	13.95	15.00	13.26	15.00	16.63	18.00	13.95	15.00	13.26	15.00	16.63	18.00	93.68
		46	5230	16.83	18.00		13.50		13.50		16.50	14.10	15.00	13.52	15.00	16.83	18.00	14.10	15.00	13.52	15.00	16.83	18.00	
	802.11ac-VHT20 MCS0	36	5180	17.03	18.00		13.50		13.50		16.50	14.24	15.00	13.79	15.00	17.03	18.00	14.24	15.00	13.79	15.00	17.03	18.00	96.79
		40	5200	17.08	18.00		13.50		13.50		16.50	14.29	15.00	13.83	15.00	17.08	18.00	14.29	15.00	13.83	15.00	17.08	18.00	
		44	5220	17.09	18.00		13.50		13.50		16.50	14.27	15.00	13.88	15.00	17.09	18.00	14.27	15.00	13.88	15.00	17.09	18.00	
		48	5240	17.19	18.00		13.50		13.50		16.50	14.39	15.00	13.95	15.00	17.19	18.00	14.39	15.00	13.95	15.00	17.19	18.00	
	802.11ac-VHT40 MCS0	38	5190	16.66	18.00		13.50		13.50		16.50	13.98	15.00	13.30	15.00	16.66	18.00	13.98	15.00	13.30	15.00	16.66	18.00	93.74
		46	5230	16.87	18.00		13.50		13.50		16.50	14.14	15.00	13.55	15.00	16.87	18.00	14.14	15.00	13.55	15.00	16.87	18.00	
	802.11ac-VHT80 MCS0	42	5210	16.56	18.00	12.08	13.50	11.78	13.50	14.87	16.50	13.82	15.00	13.27	15.00	16.56	18.00	13.82	15.00	13.27	15.00	16.56	18.00	88.14
	802.11ax-HE20 MCS0	36	5180	17.11	18.00		13.50		13.50		16.50	14.32	15.00	13.86	15.00	17.11	18.00	14.32	15.00	13.86	15.00	17.11	18.00	95.88
		40	5200	17.16	18.00		13.50		13.50		16.50	14.39	15.00	13.89	15.00	17.16	18.00	14.39	15.00	13.89	15.00	17.16	18.00	
		44	5220	17.18	18.00		13.50		13.50		16.50	14.36	15.00	13.97	15.00	17.18	18.00	14.36	15.00	13.97	15.00	17.18	18.00	
		48	5240	17.28	18.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	14.47	15.00	14.05	15.00	17.28	18.00	14.47	15.00	14.05	15.00	17.28	18.00	
	802.11ax-HE40 MCS0	38	5190	16.77	18.00		13.50		13.50		16.50	14.08	15.00	13.41	15.00	16.77	18.00	14.08	15.00	13.41	15.00	16.77	18.00	92.46
		46	5230	16.98	18.00		13.50		13.50		16.50	14.26	15.00	13.65	15.00	16.98	18.00	14.26	15.00	13.65	15.00	16.98	18.00	
	802.11ax-HE80 MCS0	42	5210	16.67	18.00		13.50		13.50		16.50	13.93	15.00	13.37	15.00	16.67	18.00	13.93	15.00	13.37	15.00	16.67	18.00	86.84

5.3GHz WLAN				Body Standalone						Body Simultaneous					
				Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260		16.50	17.90	19.00	17.50	19.00	20.72	22.00	17.90	19.00	17.50	19.00	20.72	22.00	
		56	5280		16.50	17.97	19.00	17.53	19.00	20.77	22.00	17.97	19.00	17.53	19.00	20.77	22.00	96.97
		60	5300		16.50	17.89	19.00	17.54	19.00	20.73	22.00	17.89	19.00	17.54	19.00	20.73	22.00	
		64	5320		16.50	17.95	19.00	17.72	19.00	20.85	22.00	17.95	19.00	17.72	19.00	20.85	22.00	
	802.11n-HT20 MCS0	52	5260		16.50	17.76	19.00	17.38	19.00	20.59	22.00	17.76	19.00	17.38	19.00	20.59	22.00	
		56	5280		16.50	17.79	19.00	17.46	19.00	20.64	22.00	17.79	19.00	17.46	19.00	20.64	22.00	96.76
		60	5300		16.50	17.88	19.00	17.55	19.00	20.73	22.00	17.88	19.00	17.55	19.00	20.73	22.00	
		64	5320	Not Required	16.50	17.94	19.00	17.58	19.00	20.78	22.00	17.94	19.00	17.58	19.00	20.78	22.00	
	802.11n-HT40 MCS0	54	5270		16.50	17.62	18.50	17.09	18.50	20.38	21.50	17.62	18.50	17.09	18.50	20.38	21.50	93.68
		62	5310		16.50	15.69	16.50	15.10	16.50	18.42	19.50	15.69	16.50	15.10	16.50	18.42	19.50	
	802.11ac-VHT20 MCS0	52	5260		16.50	17.81	19.00	17.43	19.00	20.64	22.00	17.81	19.00	17.43	19.00	20.64	22.00	
		56	5280		16.50	17.87	19.00	17.50	19.00	20.70	22.00	17.87	19.00	17.50	19.00	20.70	22.00	96.79
		60	5300		16.50	17.94	19.00	17.58	19.00	20.78	22.00	17.94	19.00	17.58	19.00	20.78	22.00	
		64	5320		16.50	17.99	19.00	17.62	19.00	20.82	22.00	17.99	19.00	17.62	19.00	20.82	22.00	
	802.11ac-VHT40 MCS0	54	5270		16.50	17.68	18.50	17.16	18.50	20.44	21.50	17.68	18.50	17.16	18.50	20.44	21.50	93.74
		62	5310		16.50	15.76	16.50	15.17	16.50	18.49	19.50	15.76	16.50	15.17	16.50	18.49	19.50	
	802.11ac-VHT80 MCS0	58	5290	15.12	16.50	14.32	15.50	13.53	15.50	16.83	18.50	14.32	15.50	13.53	15.50	16.83	18.50	88.14
	802.11ax-HE20 MCS0	52	5260		16.50	18.42	19.50	18.01	19.50	21.23	22.50	18.42	19.50	18.01	19.50	21.23	22.50	
		56	5280		16.50	18.44	19.50	18.07	19.50	21.27	22.50	18.44	19.50	18.07	19.50	21.27	22.50	95.88
		60	5300		16.50	18.56	19.50	18.19	19.50	21.39	22.50	18.56	19.50	18.19	19.50	21.39	22.50	
		64	5320	Not Required	16.50	18.57	19.50	18.21	19.50	21.41	22.50	18.57	19.50	18.21	19.50	21.41	22.50	
	802.11ax-HE40 MCS0	54	5270		16.50	18.28	19.50	17.79	19.50	21.05	22.50	18.28	19.50	17.79	19.50	21.05	22.50	92.46
		62	5310		16.50	15.85	16.50	15.26	16.50	18.57	19.50	15.85	16.50	15.26	16.50	18.57	19.50	
	802.11ax-HE80 MCS0	58	5290		16.50	14.30	15.50	13.67	15.50	17.01	18.50	14.30	15.50	13.67	15.50	17.01	18.50	86.84

5.5GHz WLAN				Body Standalone						Body Simultaneous					
				Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500		19.00	16.48	17.50	16.31	17.50	19.41	20.50	16.48	17.50	16.31	17.50	19.41	20.50	
		116	5580		19.00	16.30	17.50	16.54	17.50	19.44	20.50	16.30	17.50	16.54	17.50	19.44	20.50	
		124	5620		19.00	16.31	17.50	16.39	17.50	19.36	20.50	16.31	17.50	16.39	17.50	19.36	20.50	96.97
		132	5660		19.00	16.60	17.50	16.50	17.50	19.56	20.50	16.60	17.50	16.50	17.50	19.56	20.50	
		140	5700		19.00	16.55	17.50	16.31	17.50	19.45	20.50	16.55	17.50	16.31	17.50	19.45	20.50	
		144	5720		19.00	16.58	17.50	16.30	17.50	19.46	20.50	16.58	17.50	16.30	17.50	19.46	20.50	
	802.11n-HT20 MCS0	100	5500		19.00	16.30	17.50	16.20	17.50	19.26	20.50	16.30	17.50	16.20	17.50	19.26	20.50	
		116	5580		19.00	16.24	17.50	16.51	17.50	19.39	20.50	16.24	17.50	16.51	17.50	19.39	20.50	
		124	5620		19.00	16.20	17.50	16.40	17.50	19.31	20.50	16.20	17.50	16.40	17.50	19.31	20.50	96.76
		132	5660		19.00	16.51	17.50	16.32	17.50	19.43	20.50	16.51	17.50	16.32	17.50	19.43	20.50	
		140	5700		19.00	16.39	17.50	16.27	17.50	19.34	20.50	16.39	17.50	16.27	17.50	19.34	20.50	
		144	5720		19.00	16.44	17.50	16.17	17.50	19.32	20.50	16.44	17.50	16.17	17.50	19.32	20.50	
	802.11n-HT40 MCS0	102	5510		19.00	16.02	17.50	15.88	17.50	18.96	20.50	16.02	17.50	15.88	17.50	18.96	20.50	
		110	5550		19.00	16.05	17.50	15.98	17.50	19.03	20.50	16.05	17.50	15.98	17.50	19.03	20.50	
		126	5630		19.00	15.77	17.50	15.95	17.50	18.87	20.50	15.77	17.50	15.95	17.50	18.87	20.50	93.68
		134	5670		19.00	16.10	17.50	16.03	17.50	19.08	20.50	16.10	17.50	16.03	17.50	19.08	20.50	
		142	5710		19.00	16.16	17.50	15.97	17.50	19.08	20.50	16.16	17.50	15.97	17.50	19.08	20.50	
	802.11ac-VHT20 MCS0	100	5500		19.00	16.34	17.50	16.28	17.50	19.32	20.50	16.34	17.50	16.28	17.50	19.32	20.50	
		116	5580		19.00	16.27	17.50	16.56	17.50	19.43	20.50	16.27	17.50	16.56	17.50	19.43	20.50	
		124	5620		19.00	16.27	17.50	16.43	17.50	19.36	20.50	16.27	17.50	16.43	17.50	19.36	20.50	
		132	5660		19.00	16.55	17.50	16.36	17.50	19.47	20.50	16.55	17.50	16.36	17.50	19.47	20.50	96.79
		140	5700		19.00	16.45	17.50	16.33	17.50	19.40	20.50	16.45	17.50	16.33	17.50	19.40	20.50	
		144	5720		19.00	16.49	17.50	16.22	17.50	19.37	20.50	16.49	17.50	16.22	17.50	19.37	20.50	
	802.11ac-VHT40 MCS0	102	5510		19.00	16.06	17.50	15.94	17.50	19.01	20.50	16.06	17.50	15.94	17.50	19.01	20.50	
		110	5550		19.00	16.12	17.50	16.02	17.50	19.08	20.50	16.12	17.50	16.02	17.50	19.08	20.50	
		126	5630		19.00	15.82	17.50	15.98	17.50	18.91	20.50	15.82	17.50	15.98	17.50	18.91	20.50	93.74
		134	5670		19.00	16.13	17.50	16.11	17.50	19.13	20.50	16.13	17.50	16.11	17.50	19.13	20.50	
		142	5710		19.00	16.18	17.50	16.02	17.50	19.11	20.50	16.18	17.50	16.02	17.50	19.11	20.50	
	802.11ac-VHT80 MCS0	106	5530	15.25	17.00	12.41	14.00	12.07	14.00	15.25	17.00	12.41	14.00	12.07	14.00	15.25	17.00	
		122	5610	17.44	19.00	15.50	17.50	15.80	17.50	18.66	20.50	15.50	17.50	15.80	17.50	18.66	20.50	88.14
		138	5690	17.52	19.00	15.95	17.50	15.79	17.50	18.88	20.50	15.95	17.50	15.79	17.50	18.88	20.50	
	802.11ax-HE20 MCS0	100	5500		19.00	16.41	17.50	16.35	17.50	19.39	20.50	16.41	17.50	16.35	17.50	19.39	20.50	
		116	5580		19.00	16.36	17.50	16.62	17.50	19.50	20.50	16.36	17.50	16.62	17.50	19.50	20.50	
		124	5620		19.00	16.33	17.50	16.51	17.50	19.43	20.50	16.33	17.50	16.51	17.50	19.43	20.50	95.88
		132	5660		19.00	16.65	17.50	16.46	17.50	19.57	20.50	16.65	17.50	16.46	17.50	19.57	20.50	
		140	5700		19.00	16.53	17.50	16.44	17.50	19.50	20.50	16.53	17.50	16.44	17.50	19.50	20.50	
		144	5720		19.00	16.56	17.50	16.31	17.50	19.45	20.50	16.56	17.50	16.31	17.50	19.45	20.50	
	802.11ax-HE40 MCS0	102	5510		19.00	16.19	17.50	16.05	17.50	19.13	20.50	16.19	17.50	16.05	17.50	19.13	20.50	
		110	5550		19.00	16.23	17.50	16.10	17.50	19.18	20.50	16.23	17.50	16.10	17.50	19.18	20.50	
		126	5630		19.00	15.94	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50	19.02	20.50	92.46
		134	5670		19.00	16.22	17.50	16.23	17.50	19.23	20.50	16.22	17.50	16.23	17.50	19.23	20.50	
		142	5710		19.00	16.28	17.50	16.11	17.50	19.21	20.50	16.28	17.50	16.11	17.50	19.21	20.50	
	802.11ax-HE80 MCS0	106	5530		17.00	12.53	14.00	12.16	14.00	15.38	17.00	12.53	14.00	12.16	14.00	15.38	17.00	
		122	5610		19.00	15.59	17.50	15.92	17.50	18.77	20.50	15.59	17.50	15.92	17.50	18.77	20.50	86.84
		138	5690		19.00	16.03	17.50	15.90	17.50	18.98	20.50	16.03	17.50	15.90	17.50	18.98	20.50	

5.8GHz WLAN				Extrimity Simultaneous						Body Standalone						Body Simultaneous								
				Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		21.00		15.00		15.00		18.00	18.42	19.50	18.35	19.50	21.40	22.50		18.50		18.50		21.50	
		157	5785		21.00		15.00		15.00		18.00	18.38	19.50	18.44	19.50	21.42	22.50		18.50		18.50		21.50	96.97
		165	5825		21.00		15.00		15.00		18.00	18.10	19.50	18.37	19.50	21.25	22.50		18.50		18.50		21.50	
	802.11n-HT20 MCS0	149	5745		21.00		15.00		15.00		18.00	17.87	19.00	17.79	19.00	20.84	22.00		18.50		18.50		21.50	
		157	5785		21.00		15.00		15.00		18.00	17.82	19.00	17.77	19.00	20.81	22.00		18.50		18.50		21.50	96.76
		165	5825		21.00		15.00		15.00		18.00	17.62	19.00	17.81	19.00	20.73	22.00		18.50		18.50		21.50	
	802.11n-HT40 MCS0	151	5755		21.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	17.57	18.50	17.62	18.50	20.61	21.50		18.50		18.50		21.50	93.68
		159	5795		21.00		15.00		15.00		18.00	17.57	18.50	17.71	18.50	20.65	21.50		18.50		18.50		21.50	
	802.11ac-VHT20 MCS0	149	5745		21.00		15.00		15.00		18.00	17.91	19.00	17.82	19.00	20.88	22.00		18.50		18.50		21.50	
		157	5785	Not Required	21.00		15.00		15.00		18.00	17.85	19.00	17.82	19.00	20.85	22.00	Not Required	18.50	Not Required	18.50	Not Required	21.50	96.79
		165	5825		21.00		15.00		15.00		18.00	17.64	19.00	17.87	19.00	20.77	22.00		18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	151	5755		21.00		15.00		15.00		18.00	17.62	18.50	17.66	18.50	20.65	21.50		18.50		18.50		21.50	
		159	5795		21.00		15.00		15.00		18.00	17.63	18.50	17.76	18.50	20.71	21.50		18.50		18.50		21.50	93.74
	802.11ac-VHT80 MCS0	155	5775		20.50	14.18	15.00	13.57	15.00	16.98	18.00	16.41	17.50	16.36	17.50	19.39	20.50		18.50		18.50		21.50	88.14
	802.11ax-HE20 MCS0	149	5745		21.00		15.00		15.00		18.00	18.50	19.50	18.39	19.50	21.46	22.50		18.50		18.50		21.50	
		157	5785		21.00		15.00		15.00		18.00	18.44	19.50	18.42	19.50	21.44	22.50		18.50		18.50		21.50	95.88
		165	5825		21.00		15.00		15.00		18.00	18.25	19.50	18.46	19.50	21.37	22.50		18.50		18.50		21.50	
	802.11ax-HE40 MCS0	151	5755		21.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	18.23	19.50	18.28	19.50	21.26	22.50		18.50		18.50		21.50	92.46
		159	5795		21.00		15.00		15.00		18.00	18.22	19.50	18.36	19.50	21.30	22.50		18.50		18.50		21.50	
	802.11ax-HE80 MCS0	155	5775	19.35	21.00		15.00		15.00		18.00	18.02	19.50	17.99	19.50	21.02	22.50	17.07	18.50	17.05	18.50	20.07	21.50	86.84

<WLAN 2.4GHz FCC>

2.4GHz WLAN				FULL Power		Head Standalone		Head Simultaneous		Hotspot		Extrinity Standalone&Simultaneous		Body Standalone		Body Simultaneous		
				Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.12	18.00	17.12	18.00	14.59	15.00	17.12	18.00	17.12	18.00	17.12	18.00	17.12	18.00	100.00
		6	2437	17.61	18.00	17.61	18.00	13.94	15.00	17.61	18.00	17.61	18.00	17.61	18.00	17.61	18.00	
		11	2462	16.92	18.00	16.92	18.00	14.07	15.00	16.92	18.00	16.92	18.00	16.92	18.00	16.92	18.00	
	802.11g 6Mbps	1	2412	15.28	17.00	15.28	17.00		15.00	15.28	17.00	15.28	17.00	15.28	17.00	15.28	17.00	96.97
		6	2437	16.75	18.00	16.75	18.00		15.00	16.75	18.00	16.75	18.00	16.75	18.00	16.75	18.00	
		11	2462	16.08	17.50	16.08	17.50		15.00	16.08	17.50	16.08	17.50	16.08	17.50	16.08	17.50	
	802.11n-HT20 MCS0	1	2412	12.67	14.50	12.67	14.50		14.50	12.67	14.50	12.67	14.50	12.67	14.50	12.67	14.50	96.76
		6	2437	16.64	18.00	16.64	18.00	Not Required	15.00	16.64	18.00	16.64	18.00	16.64	18.00	16.64	18.00	
		11	2462	15.48	17.00	15.48	17.00		15.00	15.48	17.00	15.48	17.00	15.48	17.00	15.48	17.00	
	802.11ax-HE20 MCS0	1	2412	12.76	14.50	12.76	14.50		14.50	12.76	14.50	12.76	14.50	12.76	14.50	12.76	14.50	95.21
		6	2437	16.94	18.00	16.94	18.00		15.00	16.94	18.00	16.94	18.00	16.94	18.00	16.94	18.00	
		11	2462	15.62	17.00	15.62	17.00		15.00	15.62	17.00	15.62	17.00	15.62	17.00	15.62	17.00	

<WLAN 5GHz_FCC>

5.2GHz WLAN				FULL Power		Head Standalone		Head Simultaneous		Hotspot		Extrinity Standalone&Simultaneous		Body Standalone		Body Simultaneous		
				Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	13.94	15.00	13.94	15.00		12.50	13.94	15.00	13.94	15.00	13.94	15.00	13.94	15.00	96.97
		40	5200	13.79	15.00	13.79	15.00		12.50	13.79	15.00	13.79	15.00	13.79	15.00	13.79	15.00	
		44	5220	13.79	15.00	13.79	15.00		12.50	13.79	15.00	13.79	15.00	13.79	15.00	13.79	15.00	
		48	5240	13.80	15.00	13.80	15.00		12.50	13.80	15.00	13.80	15.00	13.80	15.00	13.80	15.00	
	802.11n-HT20 MCS0	36	5180	13.74	15.00	13.74	15.00		12.50	13.74	15.00	13.74	15.00	13.74	15.00	13.74	15.00	96.76
		40	5200	13.79	15.00	13.79	15.00		12.50	13.79	15.00	13.79	15.00	13.79	15.00	13.79	15.00	
		44	5220	13.81	15.00	13.81	15.00		12.50	13.81	15.00	13.81	15.00	13.81	15.00	13.81	15.00	
		48	5240	13.89	15.00	13.89	15.00	Not Required	12.50	13.89	15.00	13.89	15.00	13.89	15.00	13.89	15.00	
	802.11n-HT40 MCS0	38	5190	13.26	15.00	13.26	15.00		12.50	13.26	15.00	13.26	15.00	13.26	15.00	13.26	15.00	93.68
		46	5230	13.52	15.00	13.52	15.00		12.50	13.52	15.00	13.52	15.00	13.52	15.00	13.52	15.00	
	802.11ac-VHT20 MCS0	36	5180	13.79	15.00	13.79	15.00		12.50	13.79	15.00	13.79	15.00	13.79	15.00	13.79	15.00	96.79
		40	5200	13.83	15.00	13.83	15.00		12.50	13.83	15.00	13.83	15.00	13.83	15.00	13.83	15.00	
		44	5220	13.88	15.00	13.88	15.00		12.50	13.88	15.00	13.88	15.00	13.88	15.00	13.88	15.00	
		48	5240	13.95	15.00	13.95	15.00		12.50	13.95	15.00	13.95	15.00	13.95	15.00	13.95	15.00	
	802.11ac-VHT40 MCS0	38	5190	13.30	15.00	13.30	15.00		12.50	13.30	15.00	13.30	15.00	13.30	15.00	13.30	15.00	93.74
		46	5230	13.55	15.00	13.55	15.00		12.50	13.55	15.00	13.55	15.00	13.55	15.00	13.55	15.00	
	802.11ac-VHT80 MCS0	42	5210	13.27	15.00	13.27	15.00	10.62	12.50	13.27	15.00	13.27	15.00	13.27	15.00	13.27	15.00	88.14
	802.11ax-HE20 MCS0	36	5180	13.86	15.00	13.86	15.00		12.50	13.86	15.00	13.86	15.00	13.86	15.00	13.86	15.00	95.88
		40	5200	13.89	15.00	13.89	15.00		12.50	13.89	15.00	13.89	15.00	13.89	15.00	13.89	15.00	
		44	5220	13.97	15.00	13.97	15.00		12.50	13.97	15.00	13.97	15.00	13.97	15.00	13.97	15.00	
		48	5240	14.05	15.00	14.05	15.00	Not Required	12.50	14.05	15.00	14.05	15.00	14.05	15.00	14.05	15.00	
	802.11ax-HE40 MCS0	38	5190	13.41	15.00	13.41	15.00		12.50	13.41	15.00	13.41	15.00	13.41	15.00	13.41	15.00	92.46
		46	5230	13.65	15.00	13.65	15.00		12.50	13.65	15.00	13.65	15.00	13.65	15.00	13.65	15.00	
	802.11ax-HE80 MCS0	42	5210	13.37	15.00	13.37	15.00		12.50	13.37	15.00	13.37	15.00	13.37	15.00	13.37	15.00	86.84

5.3GHz WLAN				FULL Power		Head Standalone		Head Simultaneous		Extrinity Standalone		Extrinity Simultaneous		Body Standalone		Body Simultaneous		
				Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.50	19.00		17.50		12.50	17.50	19.00		17.50	17.50	19.00	17.50	19.00	96.97
		56	5280	17.53	19.00		17.50		12.50	17.53	19.00		17.50	17.53	19.00	17.53	19.00	
		60	5300	17.54	19.00		17.50		12.50	17.54	19.00		17.50	17.54	19.00	17.54	19.00	
		64	5320	17.72	19.00	Not Required	17.50		12.50	17.72	19.00	Not Required	17.50	17.72	19.00	17.72	19.00	
	802.11n-HT20 MCS0	52	5260	17.38	19.00		17.50		12.50	17.38	19.00		17.50	17.38	19.00	17.38	19.00	96.76
		56	5280	17.46	19.00		17.50		12.50	17.46	19.00		17.50	17.46	19.00	17.46	19.00	
		60	5300	17.55	19.00		17.50		12.50	17.55	19.00		17.50	17.55	19.00	17.55	19.00	
		64	5320	17.58	19.00		17.50	Not Required	12.50	17.58	19.00		17.50	17.58	19.00	17.58	19.00	
	802.11n-HT40 MCS0	54	5270	17.09	18.50	16.02	17.50		12.50	17.09	18.50	16.02	17.50	17.09	18.50	17.09	18.50	93.68
		62	5310	15.10	16.50	15.10	16.50		12.50	15.10	16.50	15.10	16.50	15.10	16.50	15.10	16.50	
	802.11ac-VHT20 MCS0	52	5260	17.43	19.00		17.50		12.50	17.43	19.00		17.50	17.43	19.00	17.43	19.00	96.79
		56	5280	17.50	19.00		17.50		12.50	17.50	19.00		17.50	17.50	19.00	17.50	19.00	
		60	5300	17.58	19.00		17.50		12.50	17.58	19.00		17.50	17.58	19.00	17.58	19.00	
		64	5320	17.62	19.00		17.50		12.50	17.62	19.00		17.50	17.62	19.00	17.62	19.00	
	802.11ac-VHT40 MCS0	54	5270	17.16	18.50		17.50		12.50	17.16	18.50		17.50	17.16	18.50	17.16	18.50	93.74
		62	5310	15.17	16.50		16.50		12.50	15.17	16.50		16.50	15.17	16.50	15.17	16.50	
	802.11ac-VHT80 MCS0	58	5290	13.53	15.50	Not Required	15.50	11.05	12.50	13.53	15.50	Not Required	15.50	13.53	15.50	13.53	15.50	88.14
	802.11ax-HE20 MCS0	52	5260	18.01	19.50		17.50		12.50	18.01	19.50		17.50	18.01	19.50	18.01	19.50	95.88
		56	5280	18.07	19.50		17.50		12.50	18.07	19.50		17.50	18.07	19.50	18.07	19.50	
		60	5300	18.19	19.50		17.50		12.50	18.19	19.50		17.50	18.19	19.50	18.19	19.50	
		64	5320	18.21	19.50		17.50	Not Required	12.50	18.21	19.50		17.50	18.21	19.50	18.21	19.50	
	802.11ax-HE40 MCS0	54	5270	17.79	19.50		17.50		12.50	17.79	19.50		17.50	17.79	19.50	17.79	19.50	92.46
		62	5310	15.26	16.50		16.50		12.50	15.26	16.50		16.50	15.26	16.50	15.26	16.50	
	802.11ax-HE80 MCS0	58	5290	13.67	15.50		15.50		12.50	13.67	15.50		15.50	13.67	15.50	13.67	15.50	86.84

5.5GHz WLAN				FULL Power		Head Standalone		Head Simultaneous		Extrinity Standalone		Extrinity Simultaneous		Body Standalone		Body Simultaneous		
				Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.31	17.50		14.50		9.00	16.31	17.50		16.00	16.31	17.50	16.31	17.50	96.97
		116	5580	16.54	17.50		14.50		9.00	16.54	17.50		16.00	16.54	17.50	16.54	17.50	
		124	5620	16.39	17.50		14.50		9.00	16.39	17.50		16.00	16.39	17.50	16.39	17.50	
		132	5660	16.50	17.50		14.50		9.00	16.50	17.50		16.00	16.50	17.50	16.50	17.50	
		140	5700	16.31	17.50		14.50		9.00	16.31	17.50		16.00	16.31	17.50	16.31	17.50	
		144	5720	16.30	17.50		14.50		9.00	16.30	17.50		16.00	16.30	17.50	16.30	17.50	
	802.11n-HT20 MCS0	100	5500	16.20	17.50		14.50		9.00	16.20	17.50		16.00	16.20	17.50	16.20	17.50	96.76
		116	5580	16.51	17.50		14.50		9.00	16.51	17.50		16.00	16.51	17.50	16.51	17.50	
		124	5620	16.40	17.50		14.50		9.00	16.40	17.50		16.00	16.40	17.50	16.40	17.50	
		132	5660	16.32	17.50		14.50		9.00	16.32	17.50		16.00	16.32	17.50	16.32	17.50	
		140	5700	16.27	17.50		14.50		9.00	16.27	17.50		16.00	16.27	17.50	16.27	17.50	
		144	5720	16.17	17.50		14.50		9.00	16.17	17.50		16.00	16.17	17.50	16.17	17.50	
	802.11n-HT40 MCS0	102	5510	15.88	17.50		14.50		9.00	15.88	17.50		16.00	15.88	17.50	15.88	17.50	93.68
		110	5550	15.98	17.50	Not Required	14.50	Not Required	9.00	15.98	17.50	Not Required	16.00	15.98	17.50	15.98	17.50	
		126	5630	15.95	17.50		14.50		9.00	15.95	17.50		16.00	15.95	17.50	15.95	17.50	
		134	5670	16.03	17.50		14.50		9.00	16.03	17.50		16.00	16.03	17.50	16.03	17.50	
		142	5710	15.97	17.50		14.50		9.00	15.97	17.50		16.00	15.97	17.50	15.97	17.50	
	802.11ac-VHT20 MCS0	100	5500	16.28	17.50		14.50		9.00	16.28	17.50		16.00	16.28	17.50	16.28	17.50	96.79
		116	5580	16.56	17.50		14.50		9.00	16.56	17.50		16.00	16.56	17.50	16.56	17.50	
		124	5620	16.43	17.50		14.50		9.00	16.43	17.50		16.00	16.43	17.50	16.43	17.50	
		132	5660	16.36	17.50		14.50		9.00	16.36	17.50		16.00	16.36	17.50	16.36	17.50	
		140	5700	16.33	17.50		14.50		9.00	16.33	17.50		16.00	16.33	17.50	16.33	17.50	
		144	5720	16.22	17.50		14.50		9.00	16.22	17.50		16.00	16.22	17.50	16.22	17.50	
	802.11ac-VHT40 MCS0	102	5510	15.94	17.50		14.50		9.00	15.94	17.50		16.00	15.94	17.50	15.94	17.50	93.74
		110	5550	16.02	17.50		14.50		9.00	16.02	17.50		16.00	16.02	17.50	16.02	17.50	
		126	5630	15.98	17.50		14.50		9.00	15.98	17.50		16.00	15.98	17.50	15.98	17.50	
		134	5670	16.11	17.50		14.50		9.00	16.11	17.50		16.00	16.11	17.50	16.11	17.50	
		142	5710	16.02	17.50		14.50		9.00	16.02	17.50		16.00	16.02	17.50	16.02	17.50	
	802.11ac-VHT80 MCS0	106	5530	12.07	14.00	12.07	14.00	7.08	9.00	12.07	14.00	12.07	14.00	12.07	14.00	12.07	14.00	88.14
		122	5610	15.80	17.50	12.94	14.50	7.13	9.00	15.80	17.50	14.35	16.00	15.80	17.50	15.80	17.50	
		138	5690	15.79	17.50	12.93	14.50	7.12	9.00	15.79	17.50	14.46	16.00	15.79	17.50	15.79	17.50	
	802.11ax-HE20 MCS0	100	5500	16.35	17.50		14.50		9.00	16.35	17.50		16.00	16.35	17.50	16.35	17.50	95.88
		116	5580	16.62	17.50		14.50		9.00	16.62	17.50		16.00	16.62	17.50	16.62	17.50	
		124	5620	16.51	17.50		14.50		9.00	16.51	17.50		16.00	16.51	17.50	16.51	17.50	
		132	5660	16.46	17.50		14.50		9.00	16.46	17.50		16.00	16.46	17.50	16.46	17.50	
		140	5700	16.44	17.50		14.50		9.00	16.44	17.50		16.00	16.44	17.50	16.44	17.50	
		144	5720	16.31	17.50		14.50		9.00	16.31	17.50		16.00	16.31	17.50	16.31	17.50	
	802.11ax-HE40 MCS0	102	5510	16.05	17.50	Not Required	14.50	Not Required	9.00	16.05	17.50	Not Required	16.00	16.05	17.50	16.05	17.50	92.46
		110	5550	16.10	17.50		14.50		9.00	16.10	17.50		16.00	16.10	17.50	16.10	17.50	
		126	5630	16.08	17.50		14.50		9.00	16.08	17.50		16.00	16.08	17.50	16.08	17.50	
		134	5670	16.23	17.50		14.50		9.00	16.23	17.50		16.00	16.23	17.50	16.23	17.50	
		142	5710	16.11	17.50		14.50		9.00	16.11	17.50		16.00	16.11	17.50	16.11	17.50	
	802.11ax-HE80 MCS0	106	5530	12.16	14.00		14.00		9.00	12.16	14.00		16.00	12.16	14.00	12.16	14.00	86.84
		122	5610	15.92	17.50		14.50		9.00	15.92	17.50		16.00	15.92	17.50	15.92	17.50	
		138	5690	15.90	17.50		14.50		9.00	15.90	17.50		16.00	15.90	17.50	15.90	17.50	

5.8GHz WLAN				FULL Power		Head Standalone		Head Simultaneous		Hotspot		Extrinity Standalone		Extrinity Simultaneous		Body Standalone		Body Simultaneous			
				Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.35	19.50		15.00		9.50		12.50		17.50		15.00	18.35	19.50		18.50	17.50	96.97
		157	5785	18.44	19.50		15.00		9.50		12.50		17.50		15.00	18.44	19.50		18.50	17.50	
		165	5825	18.37	19.50		15.00		9.50		12.50		17.50		15.00	18.37	19.50		18.50	17.50	
	802.11n-HT20 MCS0	149	5745	17.79	19.00		15.00		9.50		12.50		17.50		15.00	17.79	19.00		18.50	17.50	96.76
		157	5785	17.77	19.00		15.00		9.50		12.50		17.50		15.00	17.77	19.00		18.50	17.50	
		165	5825	17.81	19.00		15.00		9.50		12.50		17.50		15.00	17.81	19.00		18.50	17.50	
	802.11n-HT40 MCS0	151	5755	17.62	18.50	Not Required	15.00	Not Required	9.50	Not Required	12.50	Not Required	17.50	Not Required	15.00	17.62	18.50		18.50	17.00	93.68
		159	5795	17.71	18.50		15.00		9.50		12.50		17.50		15.00	17.71	18.50		18.50	17.00	
	802.11ac-VHT20 MCS0	149	5745	17.82	19.00		15.00		9.50		12.50		17.50		15.00	17.82	19.00		18.50	17.50	96.79
		157	5785	17.82	19.00		15.00		9.50		12.50		17.50		15.00	17.82	19.00		18.50	17.50	
		165	5825	17.87	19.00		15.00		9.50		12.50		17.50		15.00	17.87	19.00		18.50	17.50	
	802.11ac-VHT40 MCS0	151	5755	17.66	18.50		15.00		9.50		12.50		17.50		15.00	17.66	18.50		18.50	17.00	93.74
		159	5795	17.76	18.50		15.00		9.50		12.50		17.50		15.00	17.76	18.50		18.50	17.00	
	802.11ac-VHT80 MCS0	155	5775	16.36	17.50	13.57	15.00	8.08	9.50	11.08	12.50	16.36	17.50	13.57	15.00	16.36	17.50		18.50	16.00	88.14
	802.11ax-HE20 MCS0	149	5745	18.39	19.50		15.00		9.50		12.50		17.50		15.00	18.39	19.50		18.50	17.50	95.88
		157	5785	18.42	19.50		15.00		9.50		12.50		17.50		15.00	18.42	19.50		18.50	17.50	
		165	5825	18.46	19.50	Not Required	15.00	Not Required	9.50	Not Required	12.50	Not Required	17.50	Not Required	15.00	18.46	19.50		18.50	17.50	
	802.11ax-HE40 MCS0	151	5755	18.28	19.50		15.00		9.50		12.50		17.50		15.00	18.28	19.50		18.50	17.00	92.46
		159	5795	18.36	19.50		15.00		9.50		12.50		17.50		15.00	18.36	19.50		18.50	17.00	
	802.11ax-HE80 MCS0	155	5775	17.99	19.50		15.00		9.50		12.50		17.50		15.00	17.99	19.50	17.05	18.50	17.00	86.84

<Bluetooth FCC>

Mode	Channel	Frequency (MHz)	Ant 17		
			Average power (dBm)		
			DH5	2DH5	3DH5
BR / EDR	CH 00	2402	16.33	13.09	13.19
	CH 39	2441	16.29	13.16	13.11
	CH 78	2480	16.25	13.10	13.08
Tune-up Limit			17.5	14.5	14.5

BLE

Mode	Channel	Frequency (MHz)	Ant 17	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.10	7.20
	CH 19	2440	7.52	7.60
	CH 39	2480	6.93	6.95
Tune-up Limit			8.5	8.5